

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060536.D
 Acq On : 24 Aug 2024 02:01
 Operator : MD/SY
 Sample : P3711-09MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 04:39:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:46:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91798	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	97522	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51148	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22186	5.472	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.400%
7) Chloroethane-d5	1.911	69	25543	4.158	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.560	65	10135	4.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.631	46	74330	53.311	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.620%
24) Chloroform-d	5.055	84	62808	5.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	5.695	65	31777	5.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.721	84	106784	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.682	67	35248	5.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.891	98	102331	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	8.174	79	12554	5.099	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.627	63	57173	48.500	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	31068	5.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	39598	5.250	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	50962	4.892	ug/L	97
3) Chloromethane	1.515	50	50875	5.636	ug/L	97
5) Vinyl chloride	1.599	62	52650	5.924	ug/L	98
6) Bromomethane	1.853	94	22482	2.514	ug/L	98
8) Chloroethane	1.930	64	35831	4.419	ug/L	100
9) Trichlorofluoromethane	2.133	101	94038	4.867	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	32331	3.955	ug/L	99
12) 1,1-Dichloroethene	2.576	96	30592	4.066	ug/L	88
13) Acetone	2.644	43	54091	46.363	ug/L	91
14) Carbon disulfide	2.788	76	106819	4.375	ug/L	99
15) Methyl Acetate	2.956	43	10297	4.316	ug/L	94
16) Methylene chloride	3.039	84	36531	4.999	ug/L	89
17) Methyl tert-butyl Ether	3.354	73	76391	5.003	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	33151	5.061	ug/L	97
19) 1,1-Dichloroethane	3.859	63	69492	5.236	ug/L	94
21) 2-Butanone	4.708	43	83526	52.352	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	36498	5.001	ug/L	97
23) Bromochloromethane	4.965	128	18048	5.441	ug/L	91
25) Chloroform	5.078	83	74702	5.318	ug/L	96

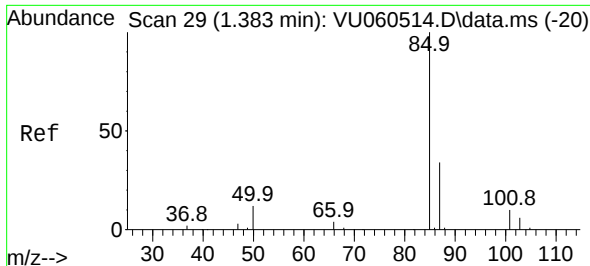
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	48638	5.159	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	65374	4.894	ug/L	98
30) Cyclohexane	5.380	56	50968	4.609	ug/L	99
31) Carbon tetrachloride	5.515	117	60068	4.866	ug/L	98
33) Benzene	5.766	78	151019	4.883	ug/L	100
34) Trichloroethene	6.534	95	38110	4.545	ug/L	98
35) Methylcyclohexane	6.756	83	52289	4.546	ug/L	97
37) 1,2-Dichloropropane	6.782	63	40638	5.127	ug/L #	97
38) Bromodichloromethane	7.097	83	51425	4.938	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	52317	4.502	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	217763	52.757	ug/L	99
42) Toluene	7.962	91	164688	5.038	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	47070	4.934	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	29417	5.124	ug/L	100
47) Tetrachloroethene	8.547	164	32172	4.682	ug/L	97
48) 2-Hexanone	8.679	43	164674	53.308	ug/L	99
49) Dibromochloromethane	8.801	129	33825	5.089	ug/L	96
50) 1,2-Dibromoethane	8.917	107	27264	5.173	ug/L	97
51) Chlorobenzene	9.441	112	104030	4.917	ug/L	100
52) Ethylbenzene	9.563	91	169799	4.902	ug/L	98
53) m,p-Xylene	9.688	106	65191	5.062	ug/L	98
54) o-Xylene	10.094	106	63447	4.813	ug/L	97
55) Styrene	10.106	104	106925	4.950	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	35807	4.885	ug/L	95
59) Bromoform	10.283	173	20661	4.915	ug/L	96
60) Isopropylbenzene	10.476	105	166510	4.873	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	26686	5.409	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	126138	4.953	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	128498	4.946	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	83030	4.965	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	82920	4.886	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	76911	4.902	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5230	4.696	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	56896	4.412	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	50653	4.869	ug/L	98
71) Naphthalene	14.081	128	56576	4.257	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	37752	4.336	ug/L	98

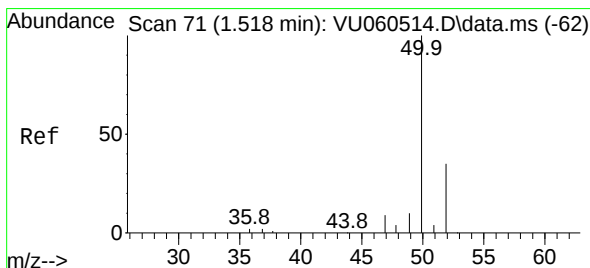
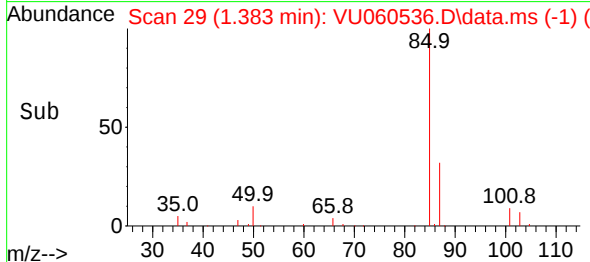
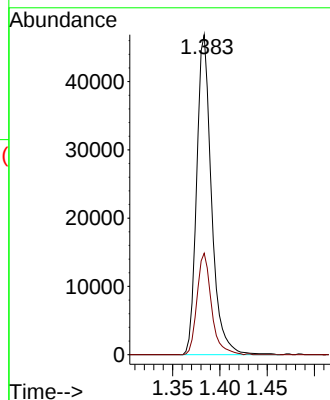
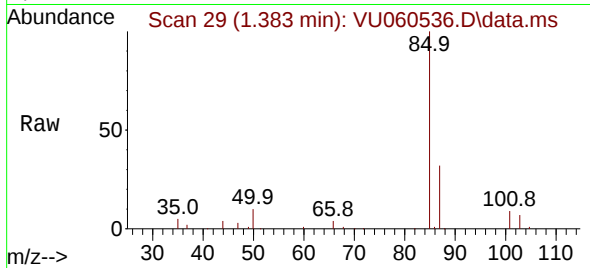
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.892 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU060536.D
 Acq: 24 Aug 2024 02:01

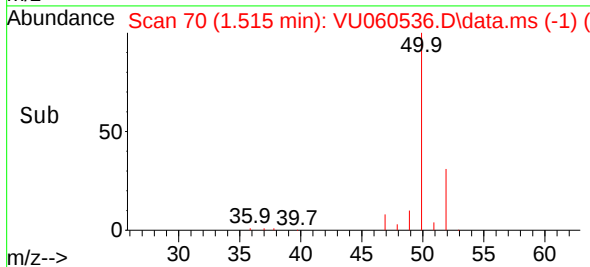
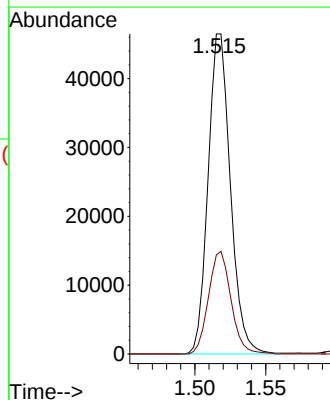
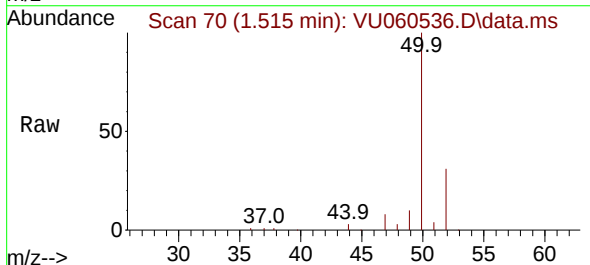
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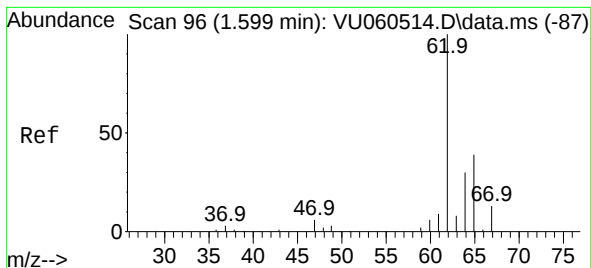
Tgt Ion: 85 Resp: 50962
 Ion Ratio Lower Upper
 85 100
 87 31.0 26.2 39.4



#3
 Chloromethane
 Concen: 5.636 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU060536.D
 Acq: 24 Aug 2024 02:01

Tgt Ion: 50 Resp: 50875
 Ion Ratio Lower Upper
 50 100
 52 31.0 22.7 42.1





#5

Vinyl chloride

Concen: 5.924 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

Instrument :

MSVOA_U

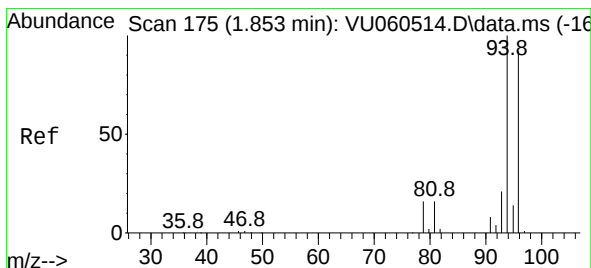
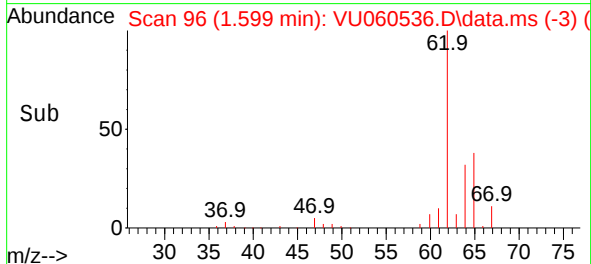
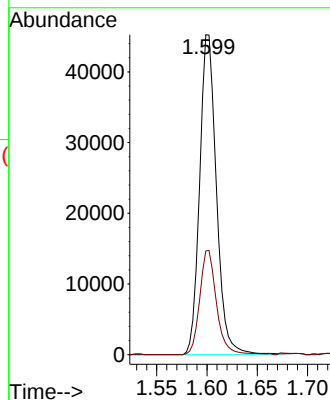
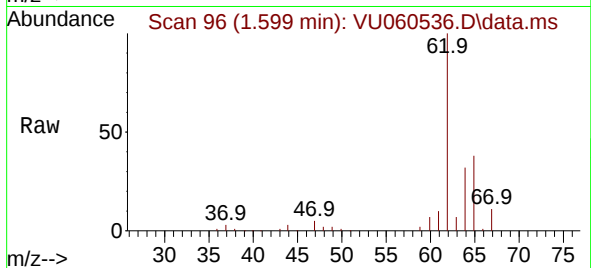
ClientSampleId :

Tgt Ion: 62 Resp: 52650

Ion Ratio Lower Upper

62 100

64 32.4 22.0 40.8



#6

Bromomethane

Concen: 2.514 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU060536.D

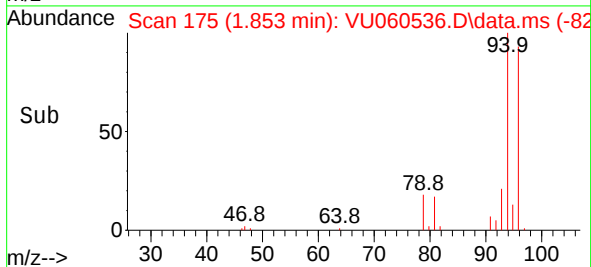
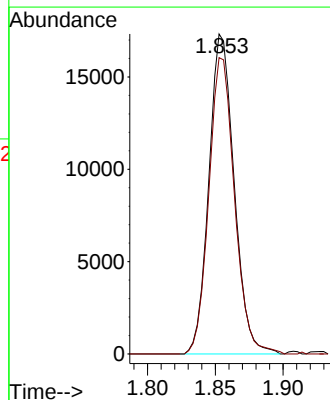
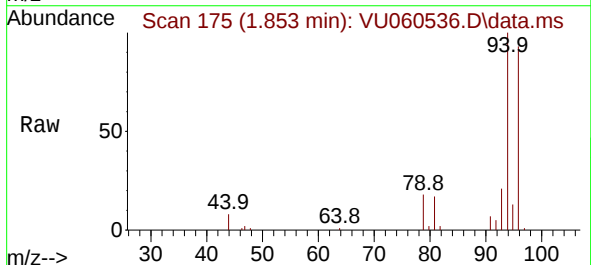
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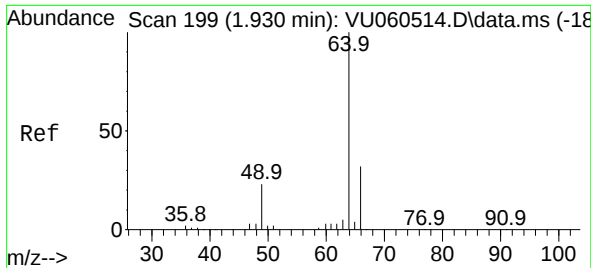
Tgt Ion: 94 Resp: 22482

Ion Ratio Lower Upper

94 100

96 92.6 63.3 117.5

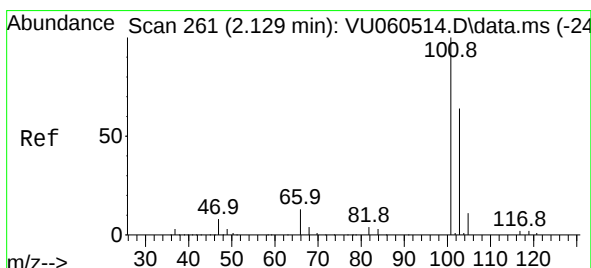
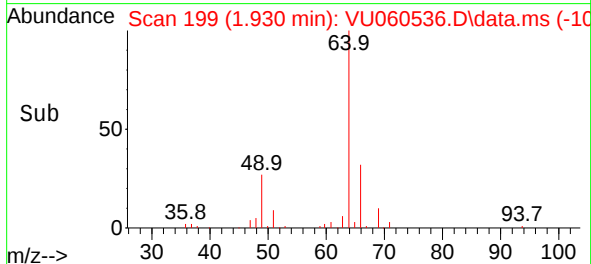
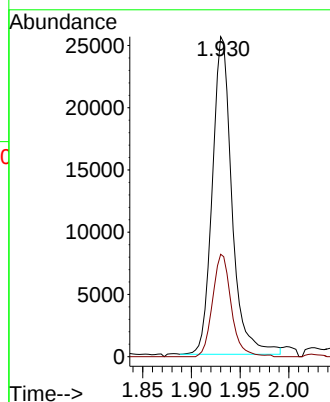
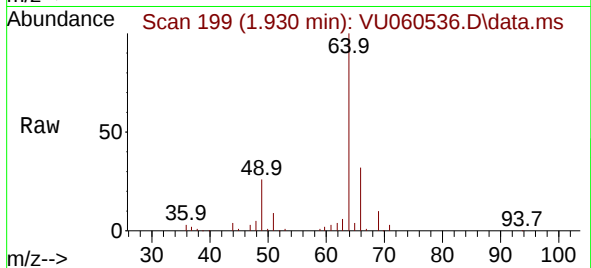




#8
Chloroethane
Concen: 4.419 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

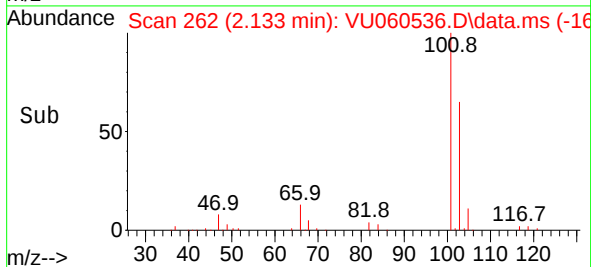
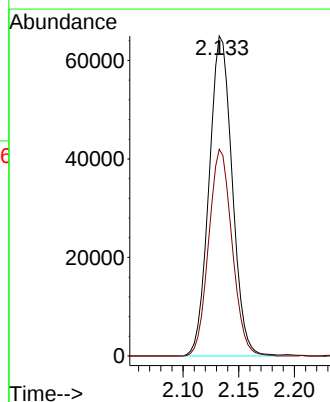
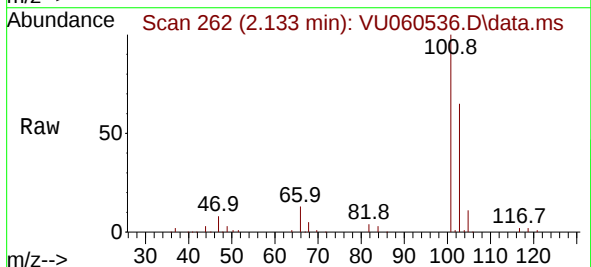
Instrument :
MSVOA_U
ClientSampleId :

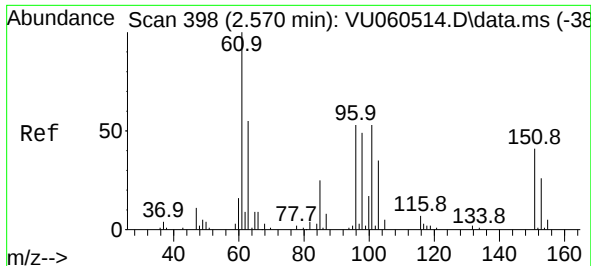
Tgt Ion: 64 Resp: 35831
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.867 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

Tgt Ion:101 Resp: 94038
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.955 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

Instrument :

MSVOA_U

ClientSampleId :

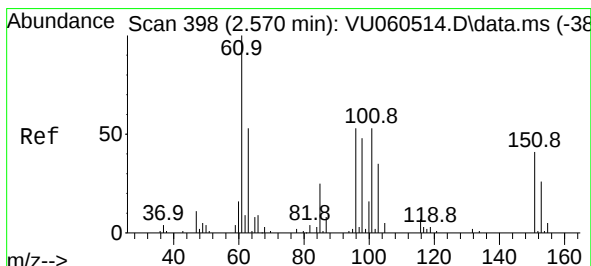
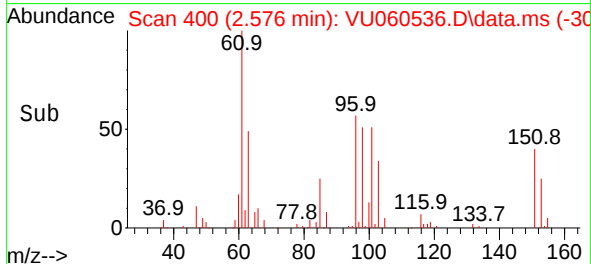
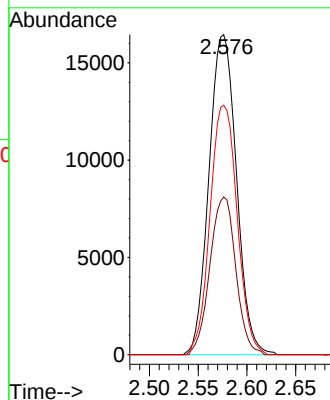
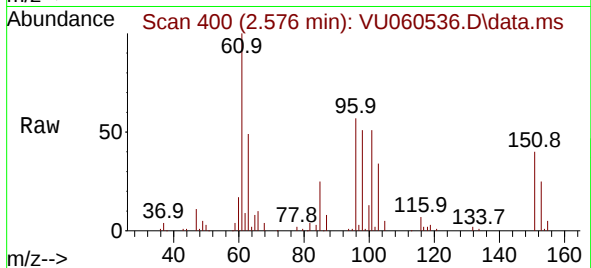
Tgt Ion:101 Resp: 32331

Ion Ratio Lower Upper

101 100

85 46.5 35.8 53.6

151 76.9 61.7 92.5



#12

1,1-Dichloroethene

Concen: 4.066 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

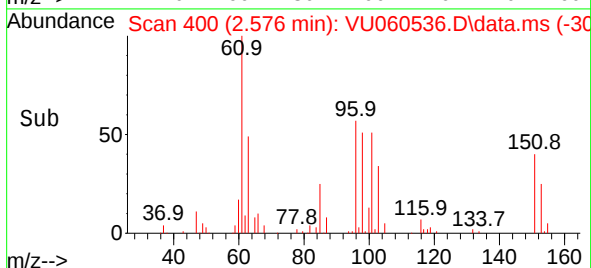
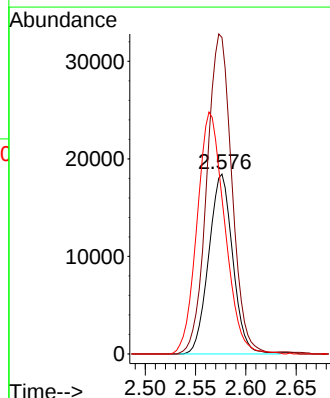
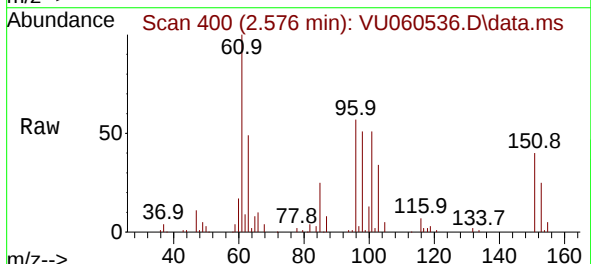
Tgt Ion: 96 Resp: 30592

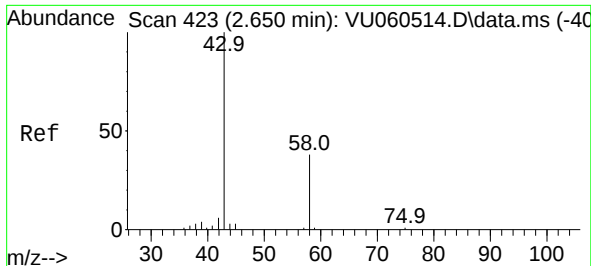
Ion Ratio Lower Upper

96 100

61 175.9 116.4 216.2

63 86.7 74.8 139.0





#13

Acetone

Concen: 46.363 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

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MSVOA_U

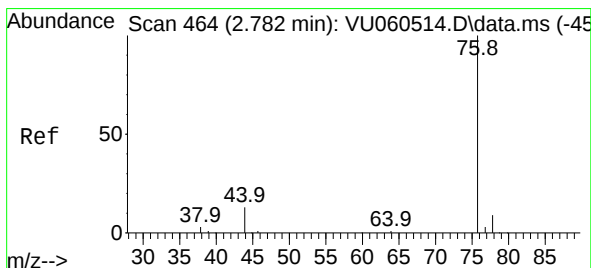
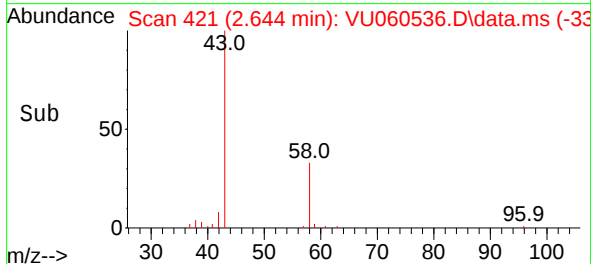
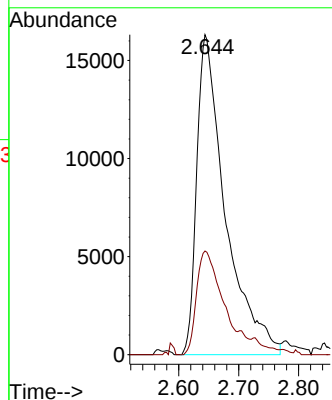
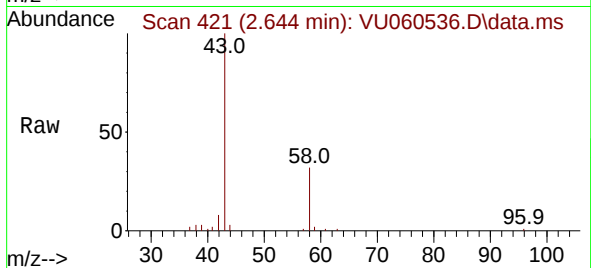
ClientSampleId :

Tgt Ion: 43 Resp: 54091

Ion Ratio Lower Upper

43 100

58 28.5 0.0 66.8



#14

Carbon disulfide

Concen: 4.375 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.006 min

Lab File: VU060536.D

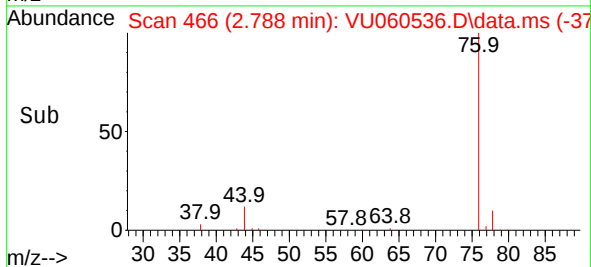
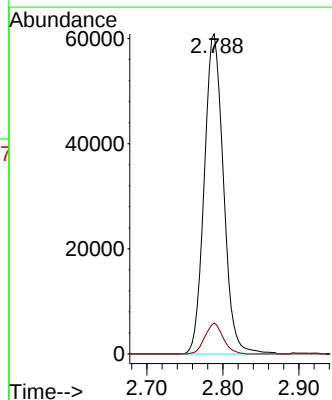
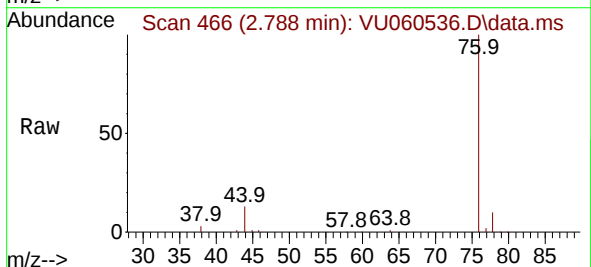
Acq: 24 Aug 2024 02:01

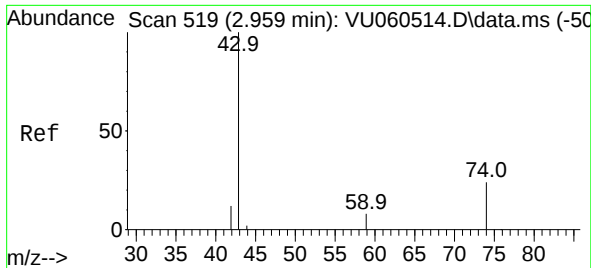
Tgt Ion: 76 Resp: 106819

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2





#15

Methyl Acetate

Concen: 4.316 ug/L

RT: 2.956 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

Instrument :

MSVOA_U

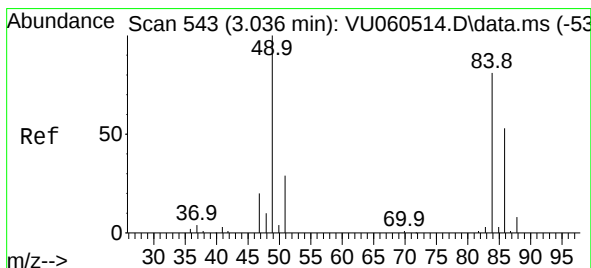
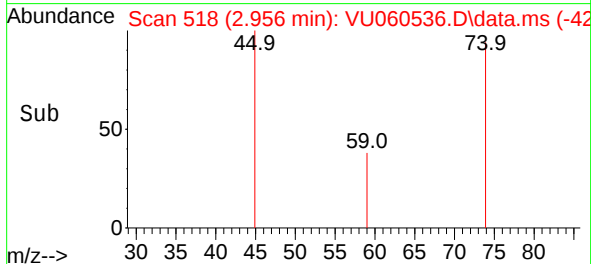
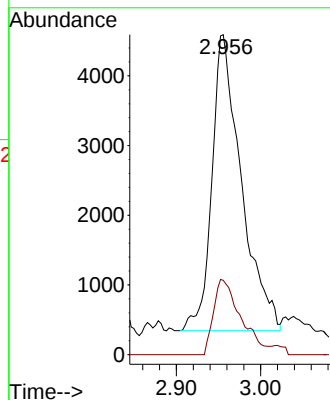
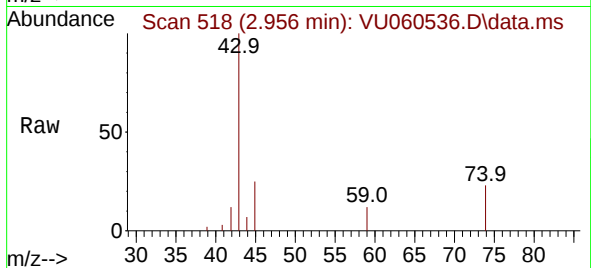
ClientSampleId :

Tgt Ion: 43 Resp: 10297

Ion Ratio Lower Upper

43 100

74 23.6 21.4 32.2



#16

Methylene chloride

Concen: 4.999 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

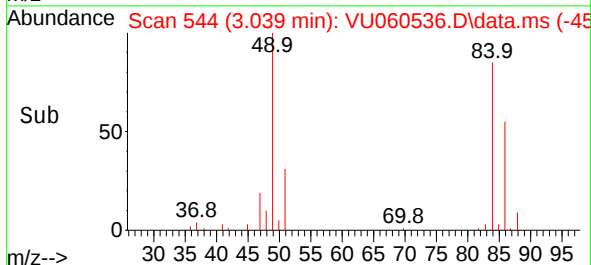
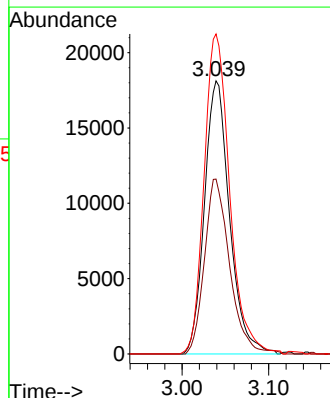
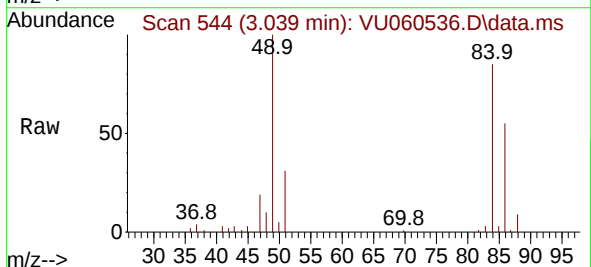
Tgt Ion: 84 Resp: 36531

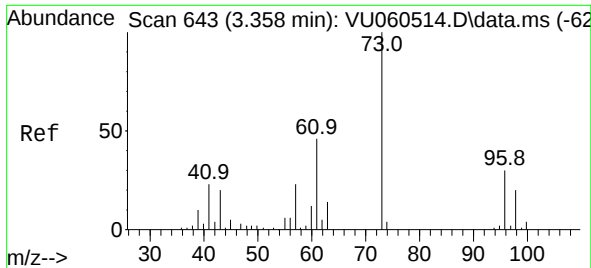
Ion Ratio Lower Upper

84 100

86 64.1 47.5 88.3

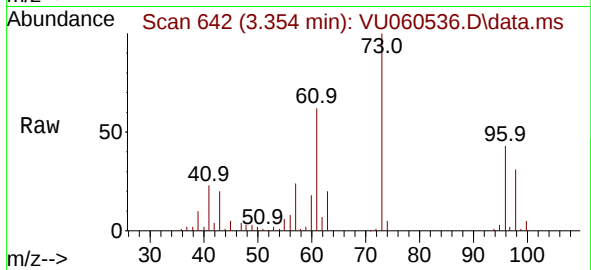
49 117.2 94.4 175.2



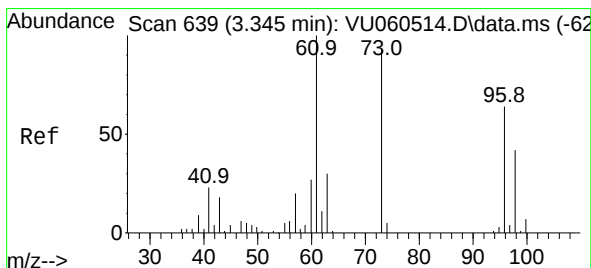
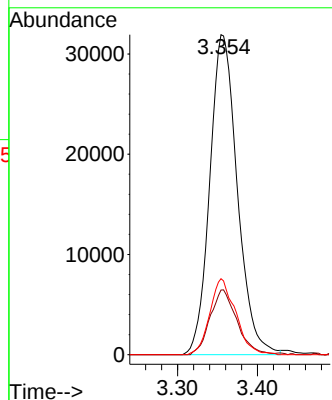
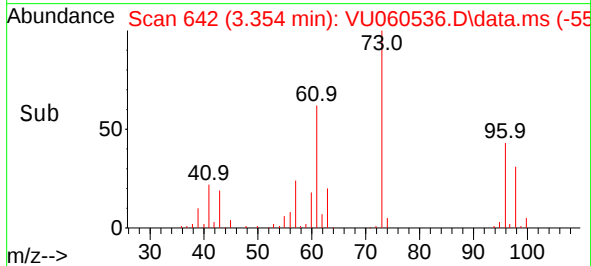


#17
Methyl tert-butyl Ether
Concen: 5.003 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.003 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

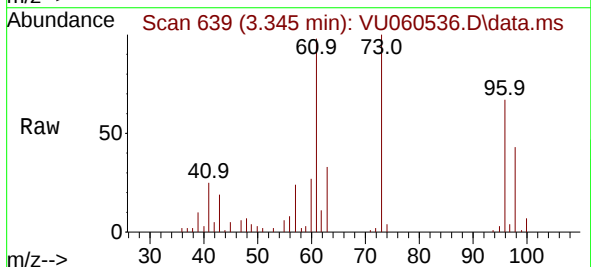
Instrument :
MSVOA_U
ClientSampleId :



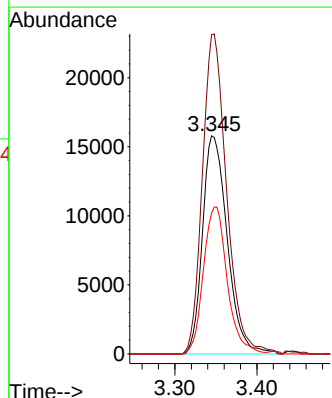
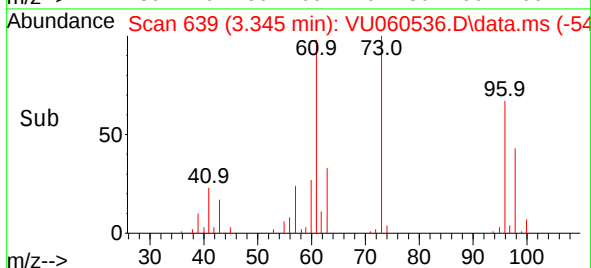
Tgt Ion: 73 Resp: 76391
Ion Ratio Lower Upper
73 100
43 19.8 15.8 23.6
57 22.3 16.8 25.2

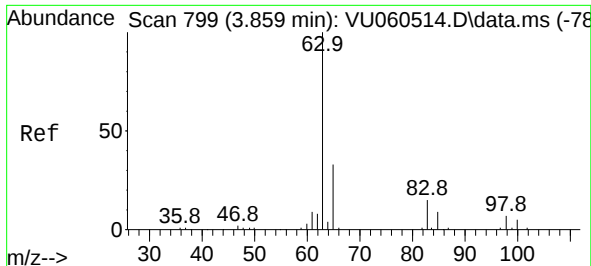


#18
trans-1,2-Dichloroethene
Concen: 5.061 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01



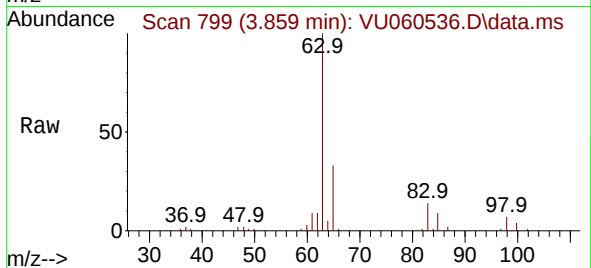
Tgt Ion: 96 Resp: 33151
Ion Ratio Lower Upper
96 100
61 146.4 99.2 184.2
98 64.5 44.0 81.8



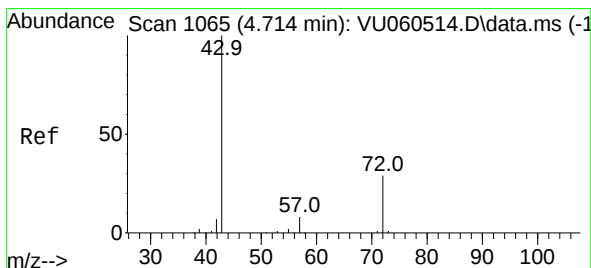
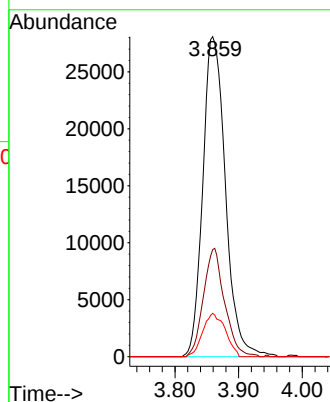
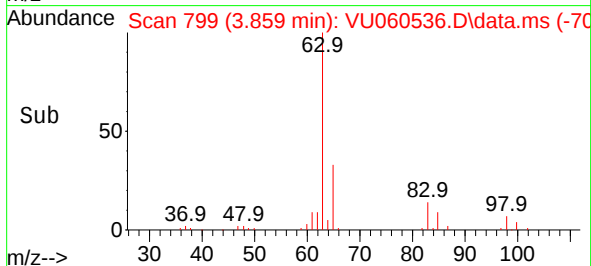


#19
1,1-Dichloroethane
Concen: 5.236 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

Instrument :
MSVOA_U
ClientSampleId :

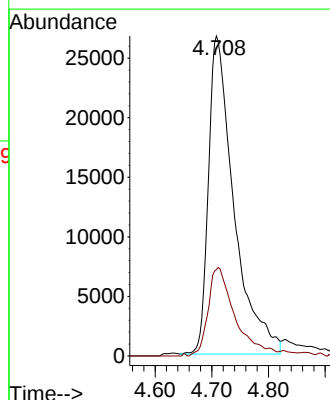
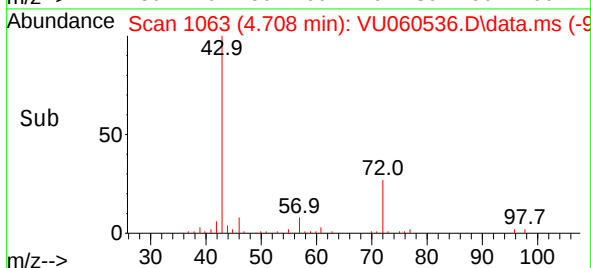
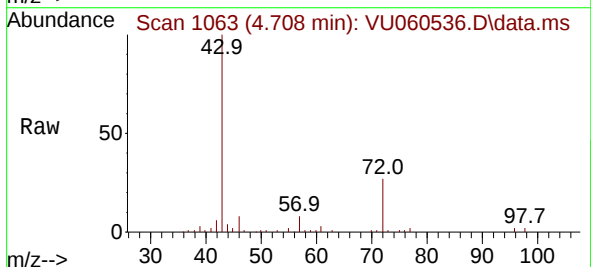


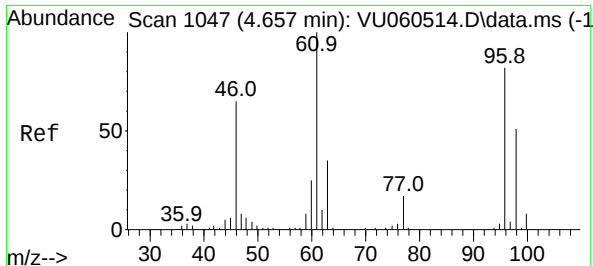
Tgt Ion: 63 Resp: 69492
Ion Ratio Lower Upper
63 100
65 33.4 20.5 38.1
83 13.6 9.2 17.2



#21
2-Butanone
Concen: 52.352 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

Tgt Ion: 43 Resp: 83526
Ion Ratio Lower Upper
43 100
72 28.4 14.0 42.0

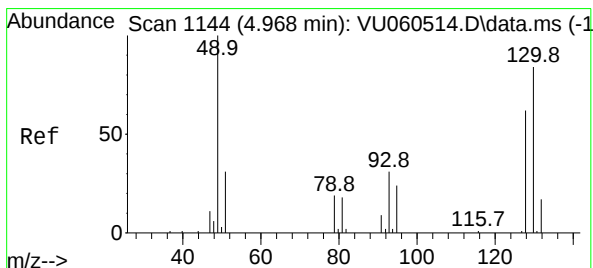
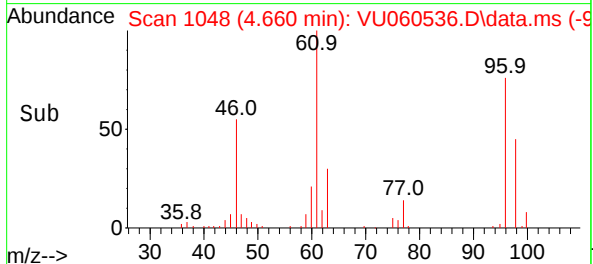
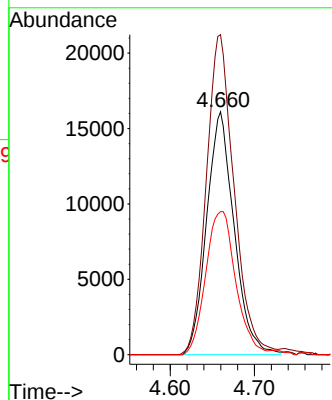
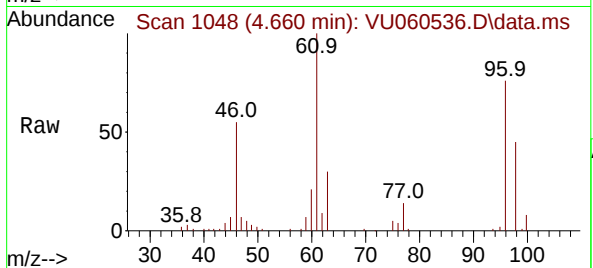




#22
cis-1,2-Dichloroethene
Concen: 5.001 ug/L
RT: 4.660 min Scan# 1104
Delta R.T. 0.003 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

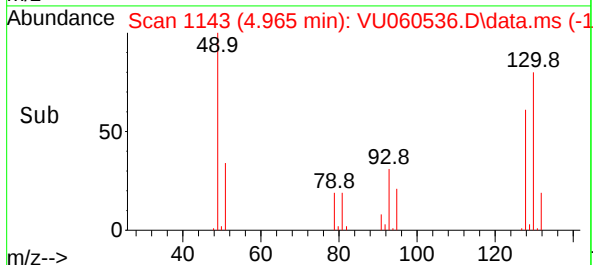
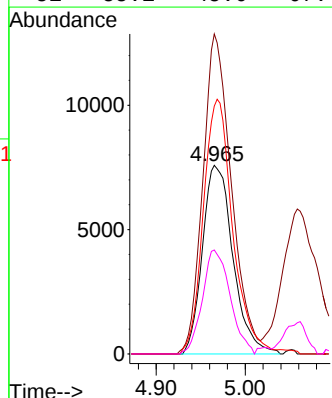
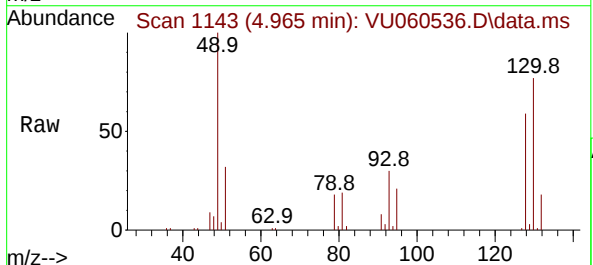
Instrument :
MSVOA_U
ClientSampleId :

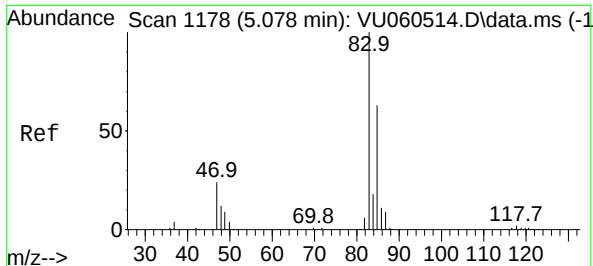
Tgt Ion: 96 Resp: 36498
Ion Ratio Lower Upper
96 100
61 131.8 92.9 172.5
98 58.9 45.0 83.6



#23
Bromochloromethane
Concen: 5.441 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

Tgt Ion:128 Resp: 18048
Ion Ratio Lower Upper
128 100
49 177.3 108.1 200.7
130 131.4 93.1 172.9
51 55.1 45.0 67.4





#25

Chloroform

Concen: 5.318 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

Instrument :

MSVOA_U

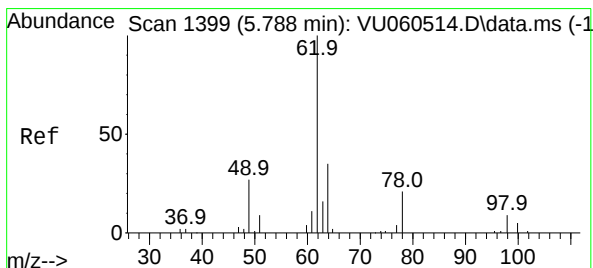
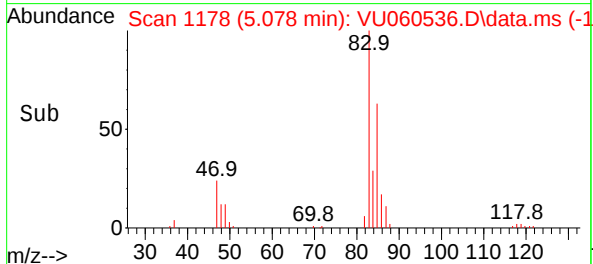
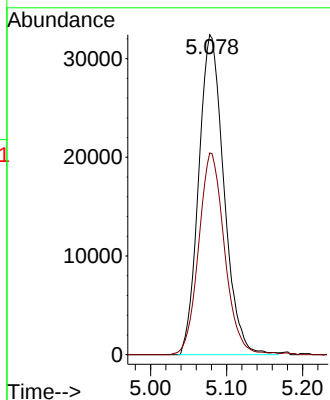
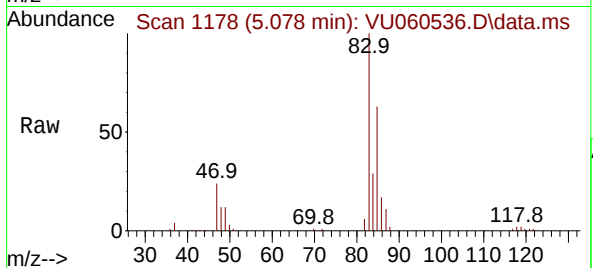
ClientSampleId :

Tgt Ion: 83 Resp: 74702

Ion Ratio Lower Upper

83 100

85 63.1 46.4 86.2



#27

1,2-Dichloroethane

Concen: 5.159 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060536.D

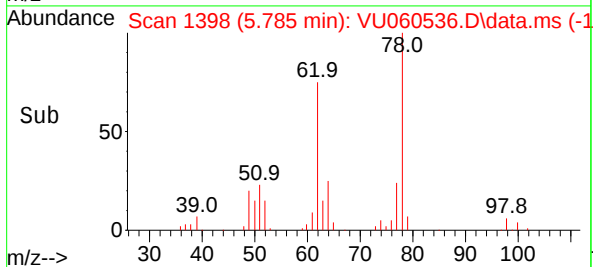
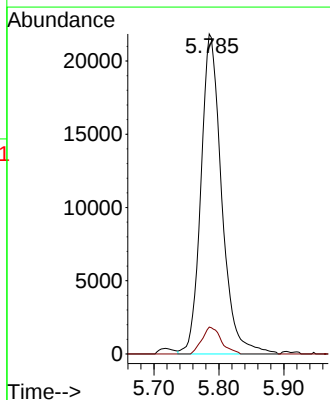
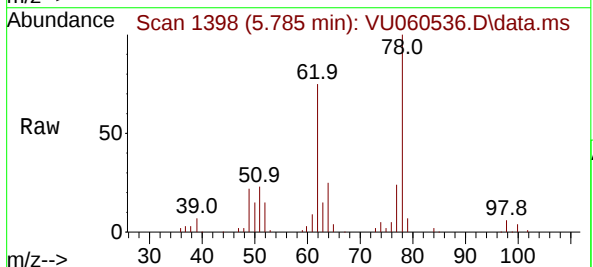
Acq: 24 Aug 2024 02:01

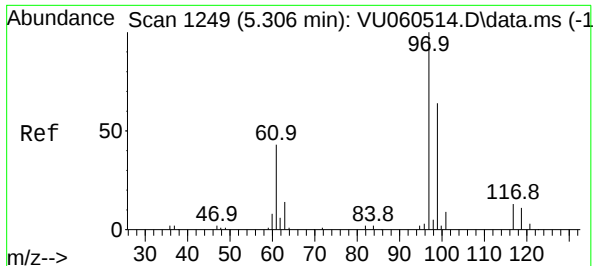
Tgt Ion: 62 Resp: 48638

Ion Ratio Lower Upper

62 100

98 8.4 7.0 10.4

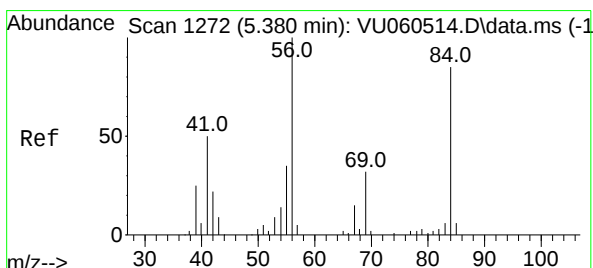
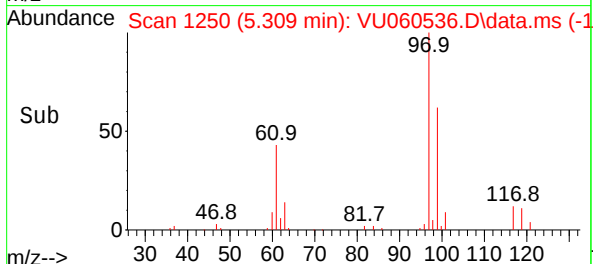
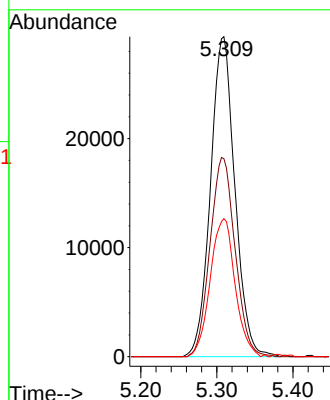
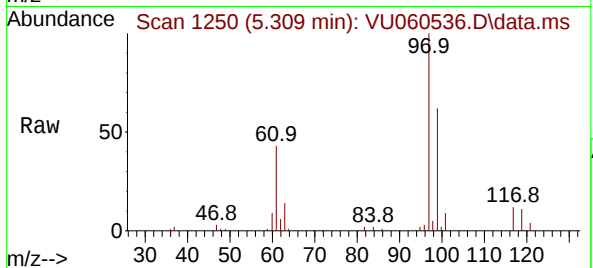




#29
1,1,1-Trichloroethane
Concen: 4.894 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

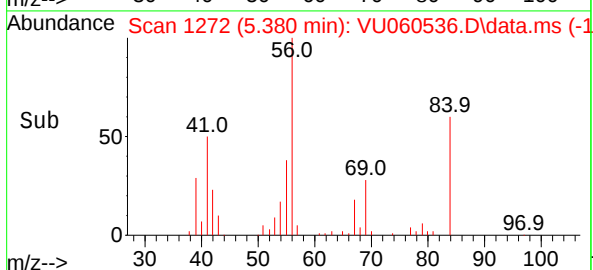
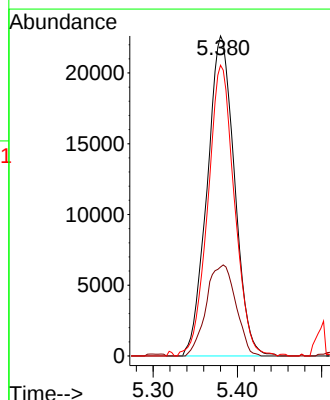
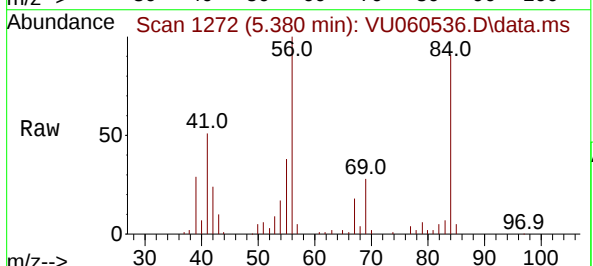
Instrument :
MSVOA_U
ClientSampleId :

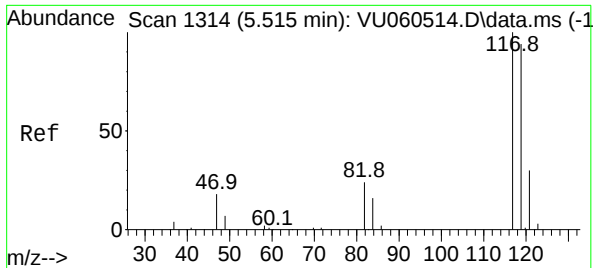
Tgt Ion: 97 Resp: 65374
Ion Ratio Lower Upper
97 100
99 64.0 49.7 74.5
61 44.0 35.4 53.2



#30
Cyclohexane
Concen: 4.609 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

Tgt Ion: 56 Resp: 50968
Ion Ratio Lower Upper
56 100
69 30.8 24.2 36.2
84 88.4 69.7 104.5

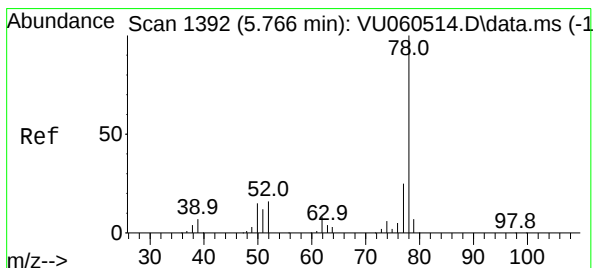
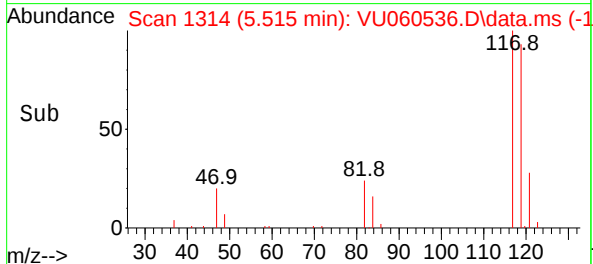
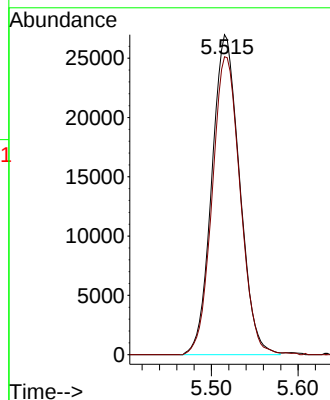
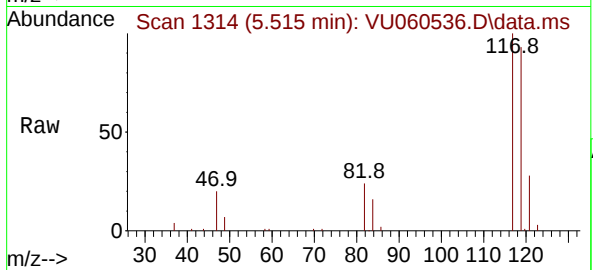




#31
Carbon tetrachloride
Concen: 4.866 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

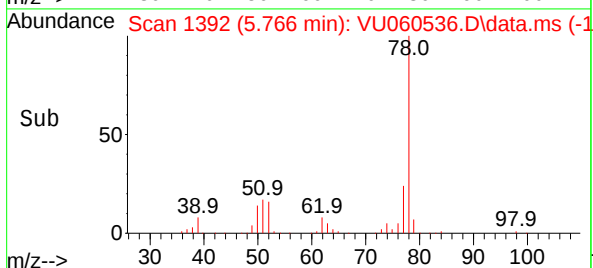
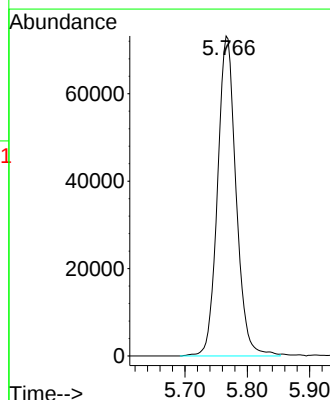
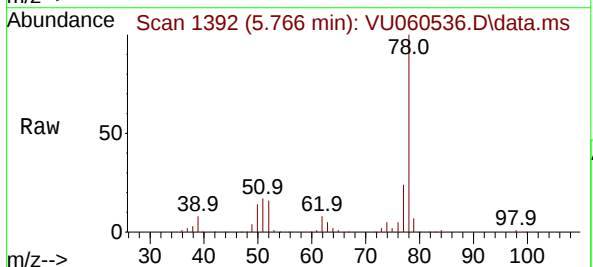
Instrument :
MSVOA_U
ClientSampleId :

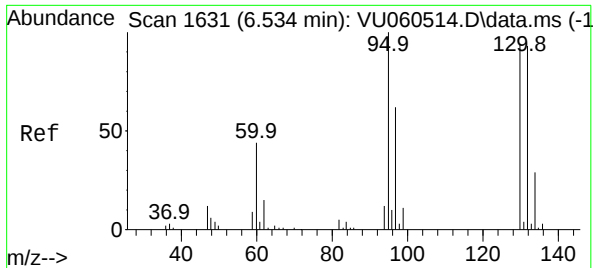
Tgt Ion:117 Resp: 60068
Ion Ratio Lower Upper
117 100
119 94.0 76.4 114.6



#33
Benzene
Concen: 4.883 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

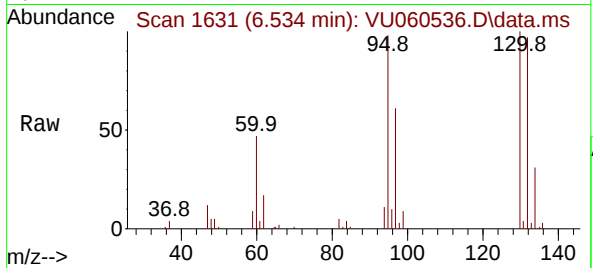
Tgt Ion: 78 Resp: 151019



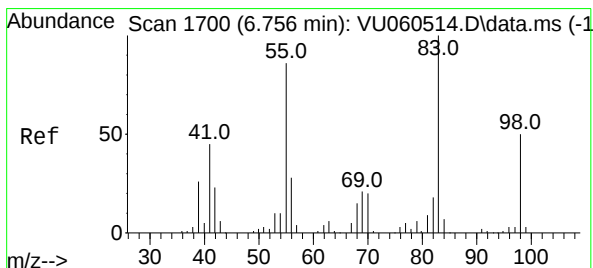
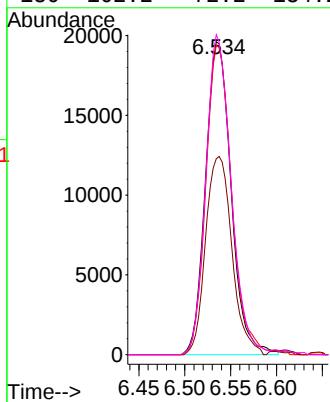
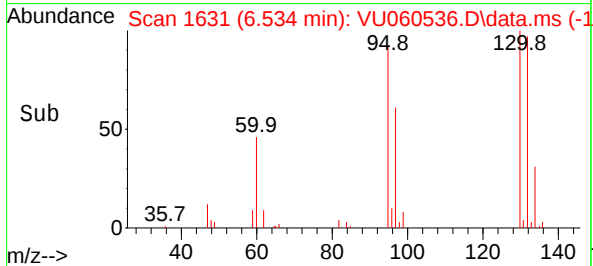


#34
Trichloroethene
Concen: 4.545 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

Instrument :
MSVOA_U
ClientSampleId :

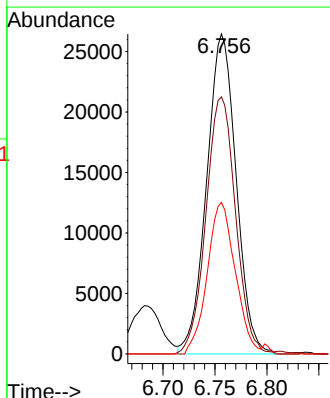
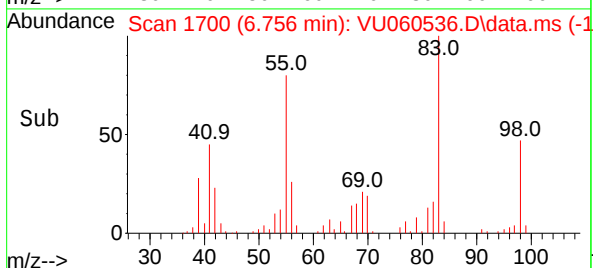
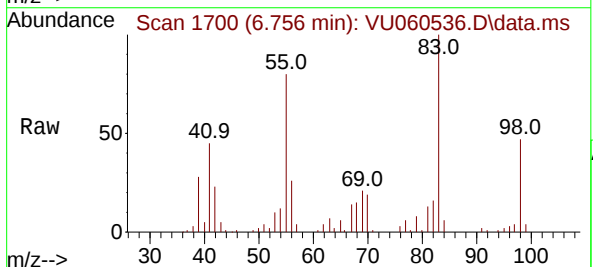


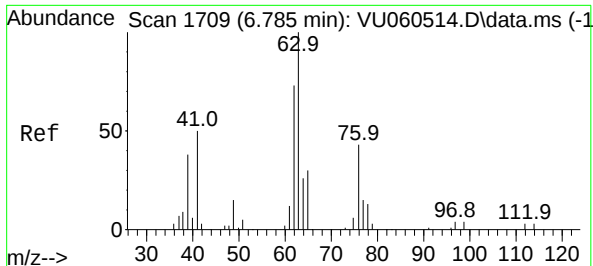
Tgt Ion: 95 Resp: 38110
Ion Ratio Lower Upper
95 100
97 62.6 45.8 85.2
132 98.8 67.4 125.2
130 102.2 72.2 134.2



#35
Methylcyclohexane
Concen: 4.546 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

Tgt Ion: 83 Resp: 52289
Ion Ratio Lower Upper
83 100
55 80.5 65.8 98.8
98 44.9 37.8 56.8

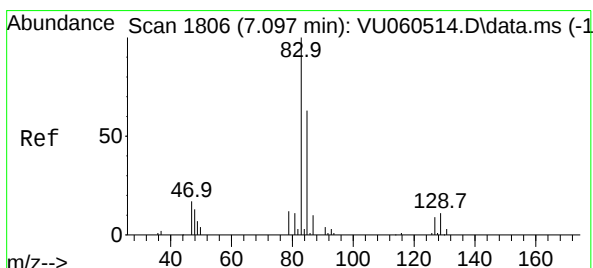
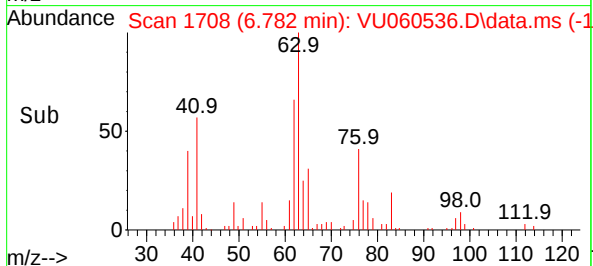
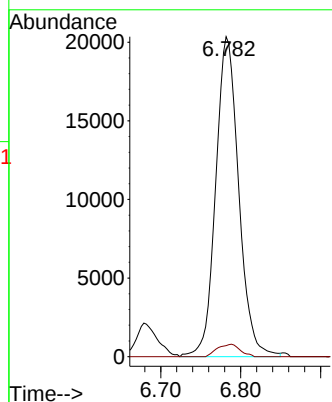
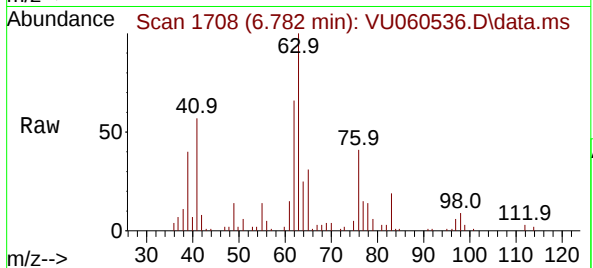




#37
1,2-Dichloropropane
Concen: 5.127 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

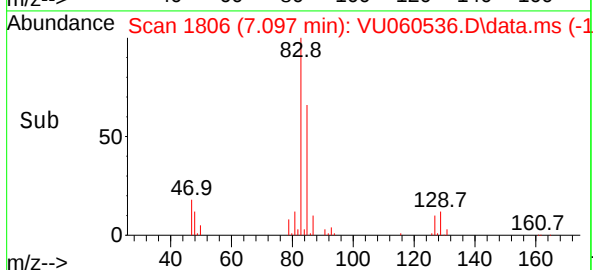
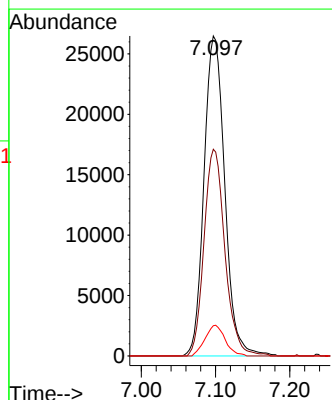
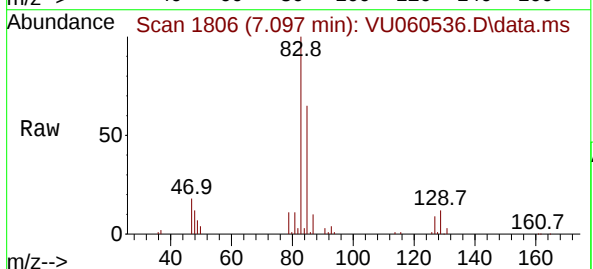
Instrument :
MSVOA_U
ClientSampleId :

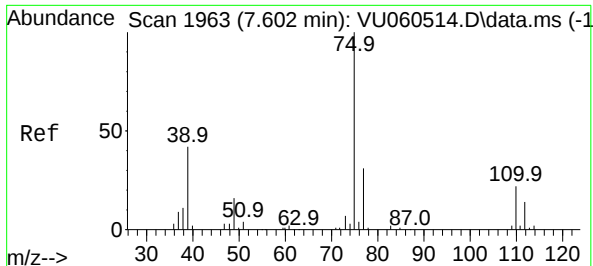
Tgt Ion: 63 Resp: 40638
Ion Ratio Lower Upper
63 100
112 3.9 2.3 3.5#



#38
Bromodichloromethane
Concen: 4.938 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

Tgt Ion: 83 Resp: 51425
Ion Ratio Lower Upper
83 100
85 64.6 44.9 83.5
127 9.4 7.3 10.9

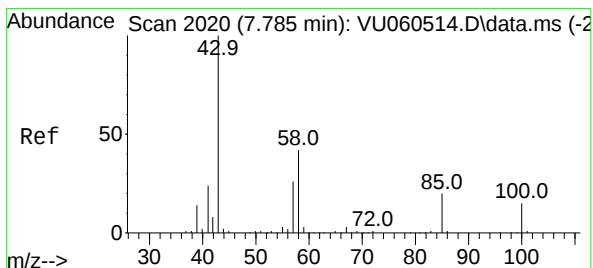
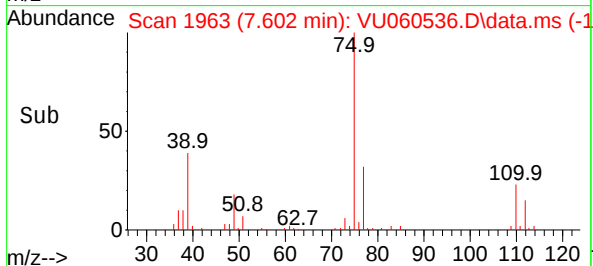
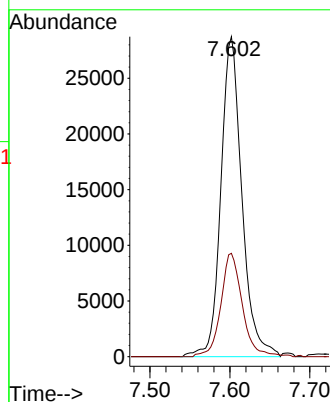
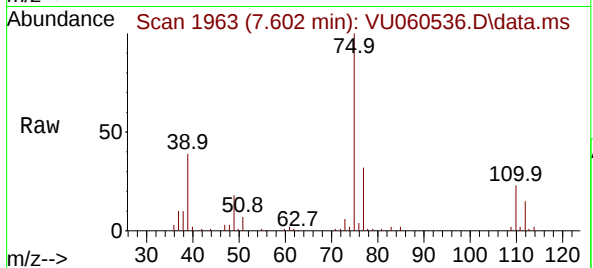




#39
 cis-1,3-Dichloropropene
 Concen: 4.502 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060536.D
 Acq: 24 Aug 2024 02:01

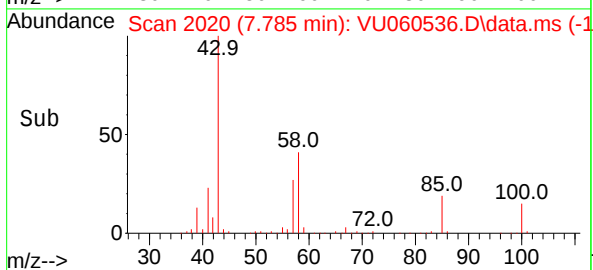
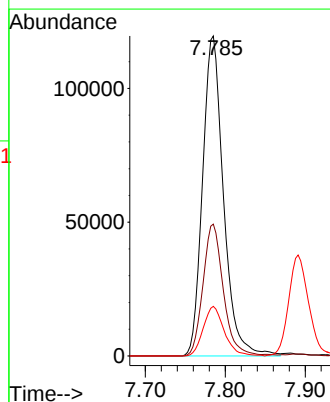
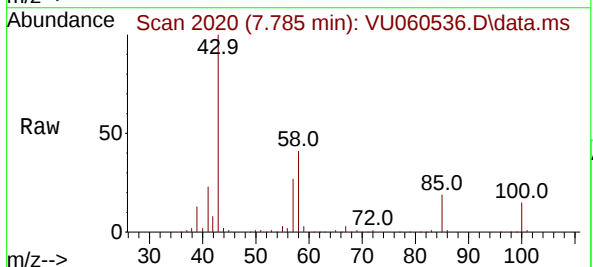
Instrument :
 MSVOA_U
 ClientSampleId :

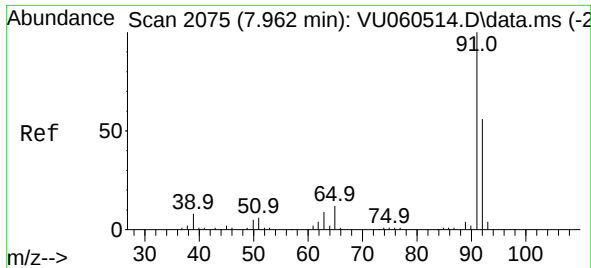
Tgt Ion: 75 Resp: 52317
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 52.757 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060536.D
 Acq: 24 Aug 2024 02:01

Tgt Ion: 43 Resp: 217763
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.5 48.7
 100 15.6 12.5 18.7





#42

Toluene

Concen: 5.038 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

Instrument :

MSVOA_U

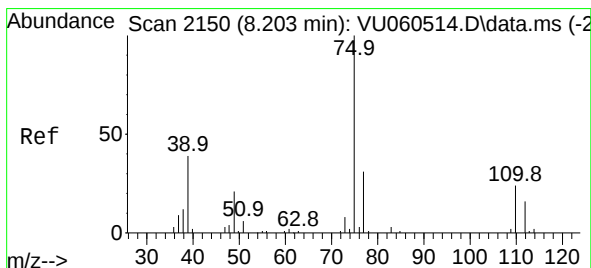
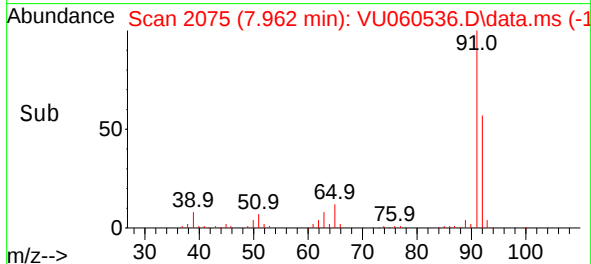
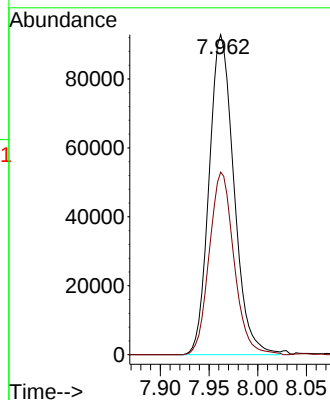
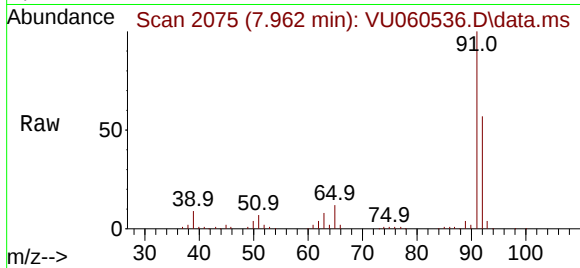
ClientSampleId :

Tgt Ion: 91 Resp: 164688

Ion Ratio Lower Upper

91 100

92 57.1 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 4.934 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU060536.D

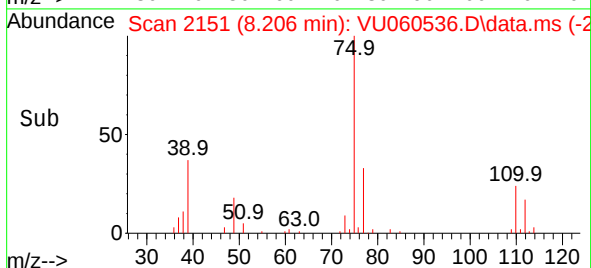
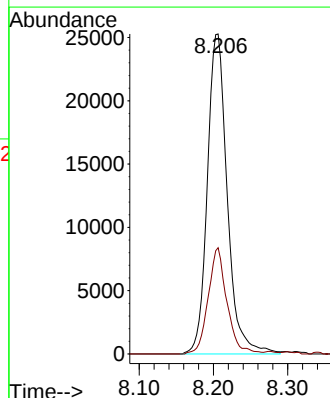
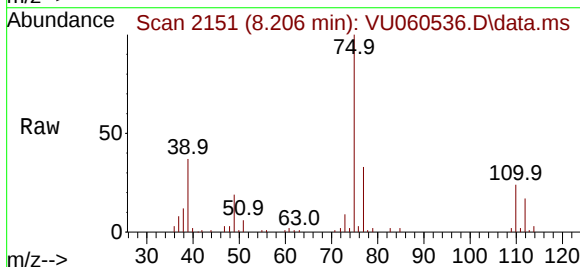
Acq: 24 Aug 2024 02:01

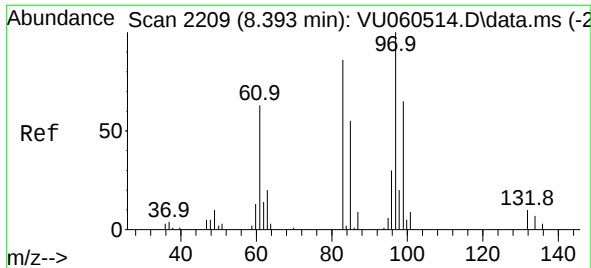
Tgt Ion: 75 Resp: 47070

Ion Ratio Lower Upper

75 100

77 33.2 23.4 43.6

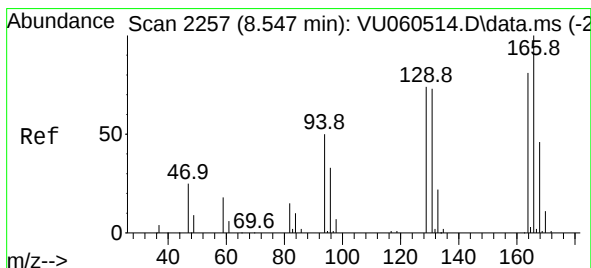
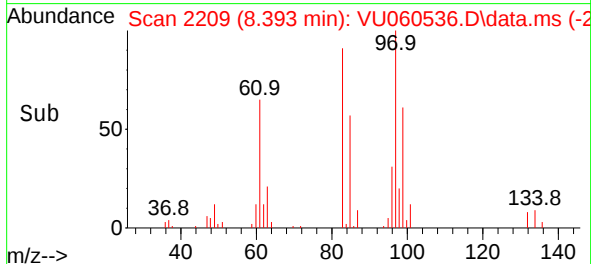
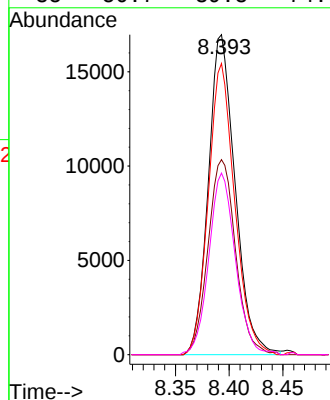
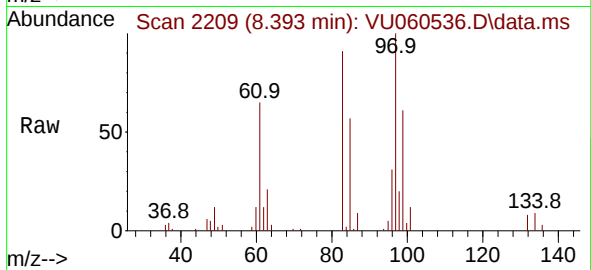




#45
1,1,2-Trichloroethane
Concen: 5.124 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

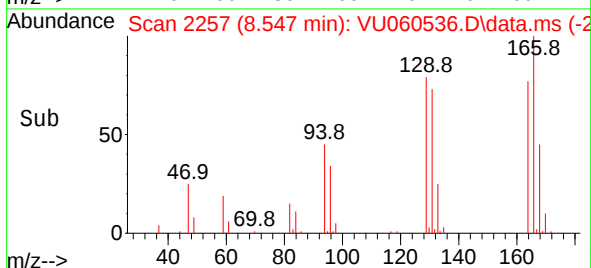
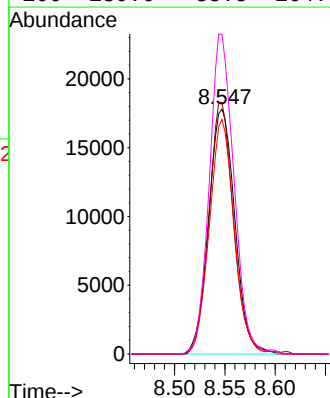
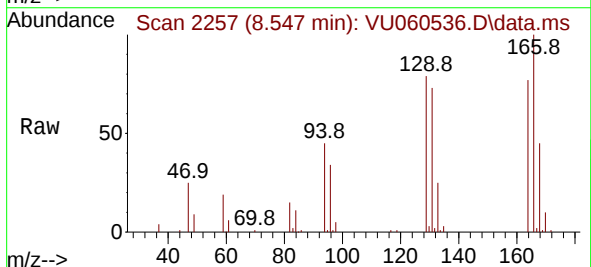
Instrument :
MSVOA_U
ClientSampleId :

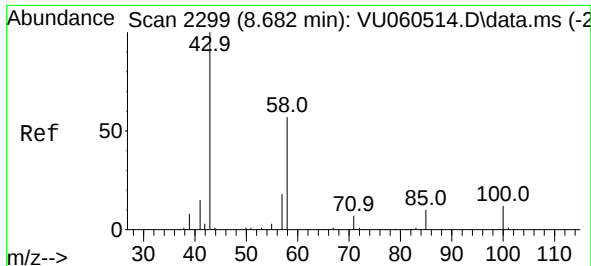
Tgt Ion:	97	Resp:	29417
Ion	Ratio	Lower	Upper
97	100		
99	60.9	42.4	78.8
83	91.0	64.0	119.0
85	56.7	39.8	74.0



#47
Tetrachloroethene
Concen: 4.682 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

Tgt Ion:	164	Resp:	32172
Ion	Ratio	Lower	Upper
164	100		
129	102.8	67.8	125.8
131	95.8	67.2	124.8
166	130.6	88.5	164.4





#48

2-Hexanone

Concen: 53.308 ug/L

RT: 8.679 min Scan# 21

Delta R.T. -0.003 min

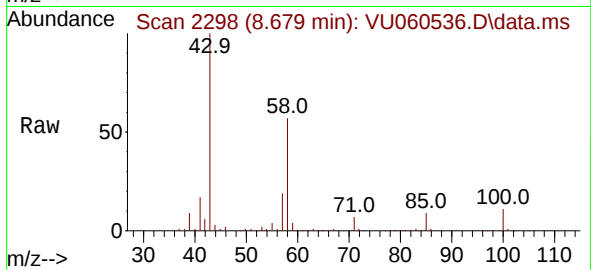
Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

Instrument :

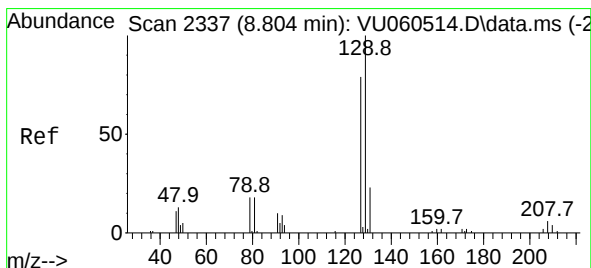
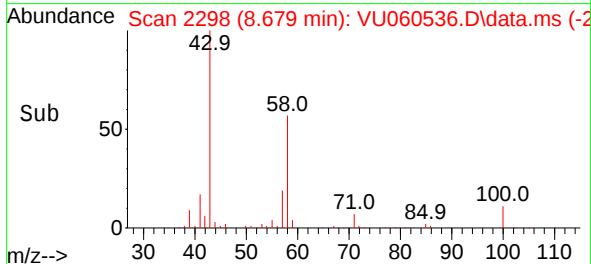
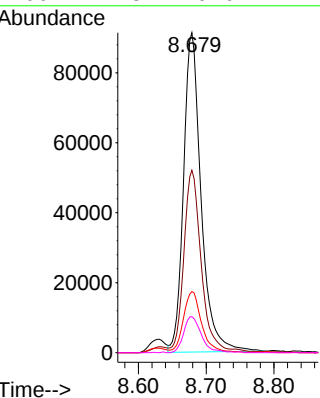
MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 164674

Ion	Ratio	Lower	Upper
43	100		
58	56.4	45.6	68.4
57	19.9	15.6	23.4
100	11.3	9.6	14.4



#49

Dibromochloromethane

Concen: 5.089 ug/L

RT: 8.801 min Scan# 2336

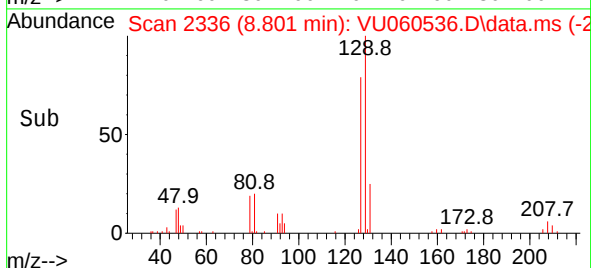
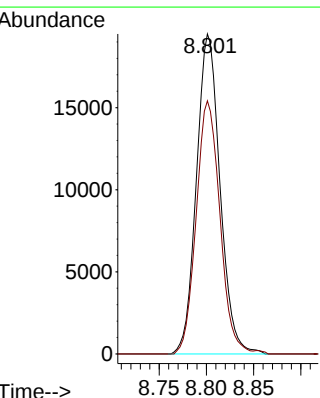
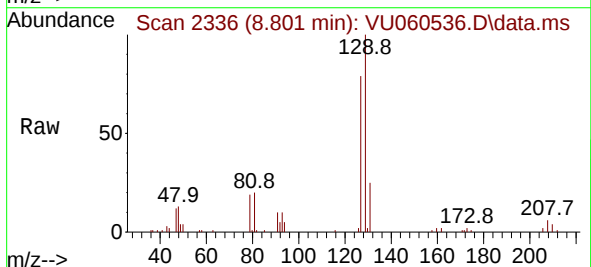
Delta R.T. -0.003 min

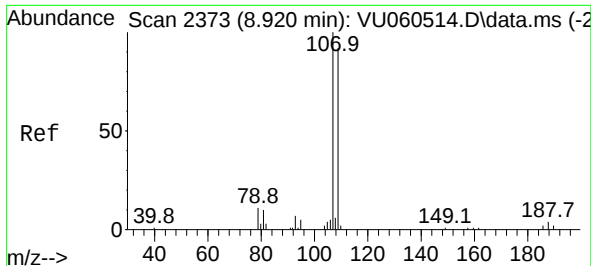
Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

Tgt Ion: 129 Resp: 33825

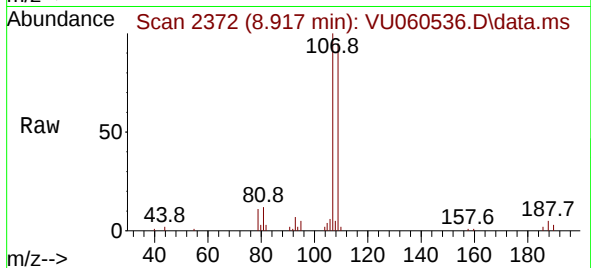
Ion	Ratio	Lower	Upper
129	100		
127	79.1	53.0	98.4



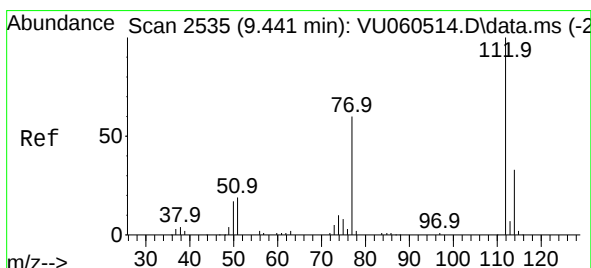
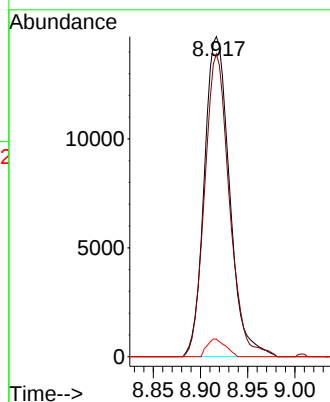
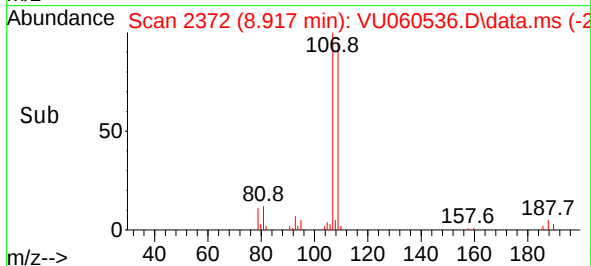


#50
1,2-Dibromoethane
Concen: 5.173 ug/L
RT: 8.917 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

Instrument :
MSVOA_U
ClientSampleId :

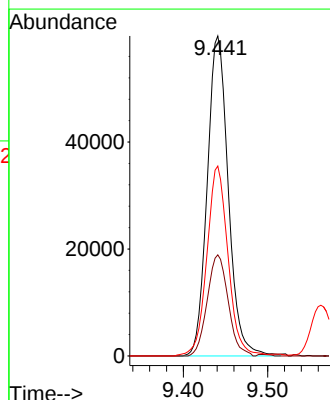
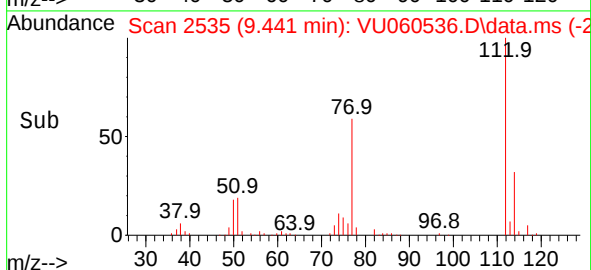
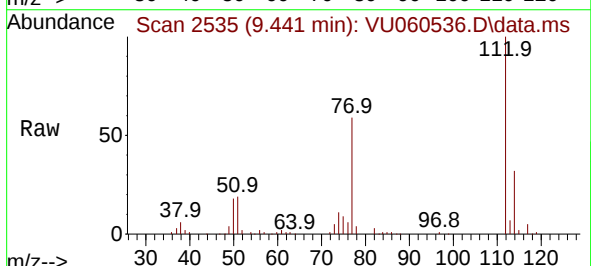


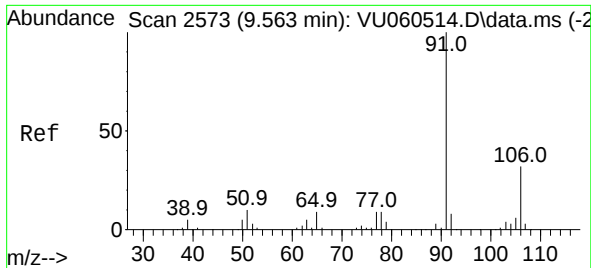
Tgt Ion:107 Resp: 27264
Ion Ratio Lower Upper
107 100
109 94.6 68.5 127.3
188 5.5 3.9 5.9



#51
Chlorobenzene
Concen: 4.917 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

Tgt Ion:112 Resp: 104030
Ion Ratio Lower Upper
112 100
114 31.6 21.9 40.7
77 59.4 47.4 71.2

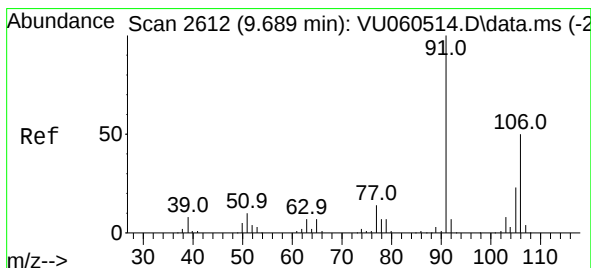
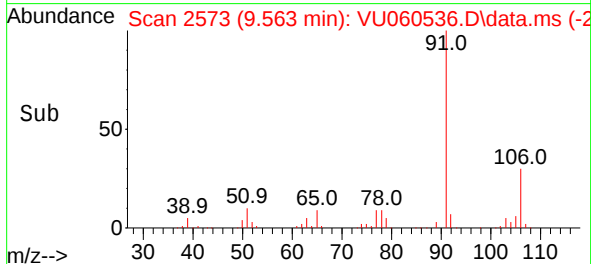
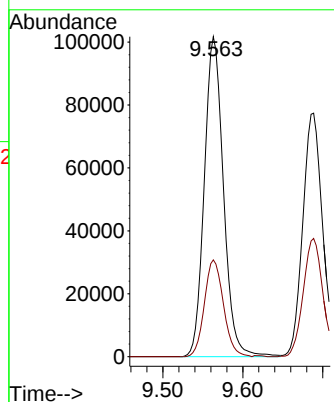
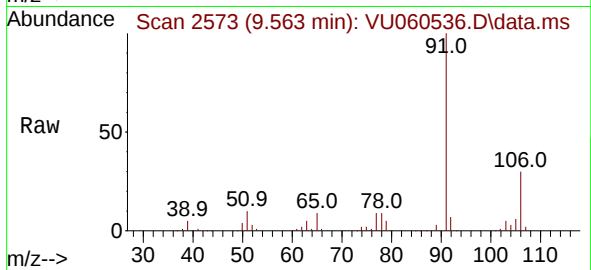




#52
Ethylbenzene
Concen: 4.902 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

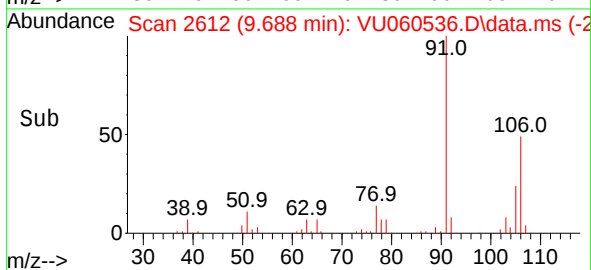
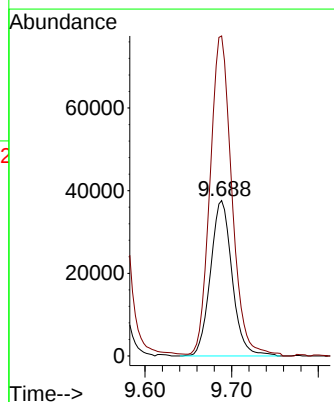
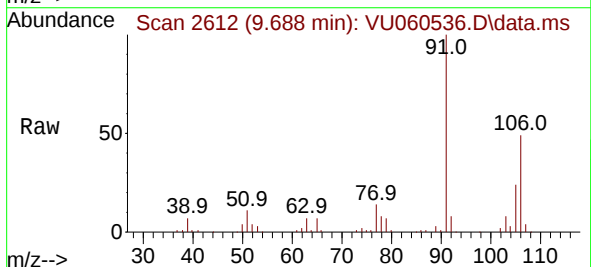
Instrument :
MSVOA_U
ClientSampleId :

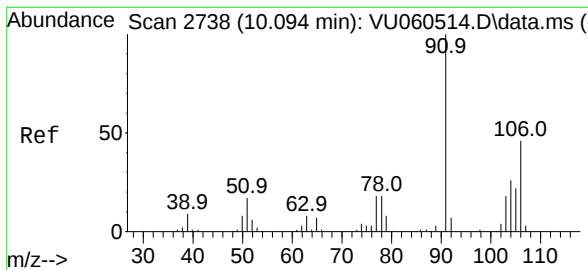
Tgt Ion: 91 Resp: 169799
Ion Ratio Lower Upper
91 100
106 30.3 21.9 40.7



#53
m,p-Xylene
Concen: 5.062 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

Tgt Ion:106 Resp: 65191
Ion Ratio Lower Upper
106 100
91 205.9 141.5 262.9

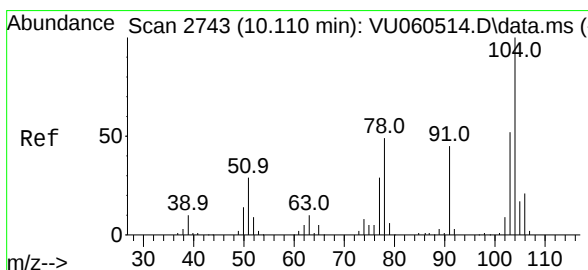
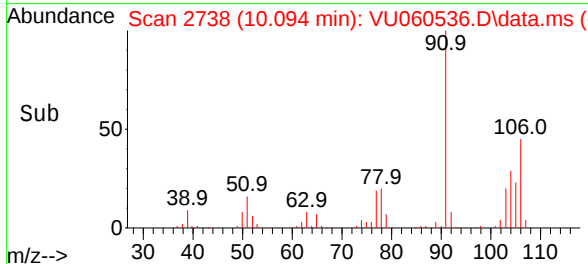
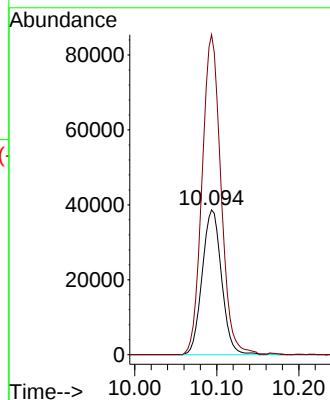
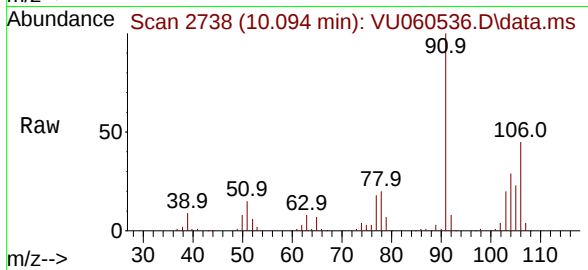




#54
o-Xylene
Concen: 4.813 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

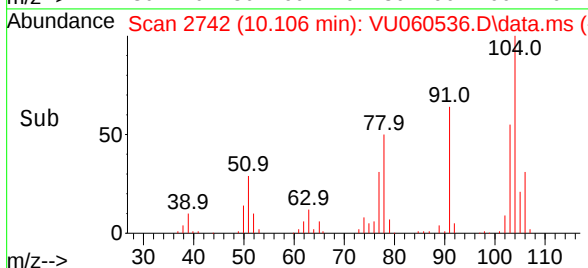
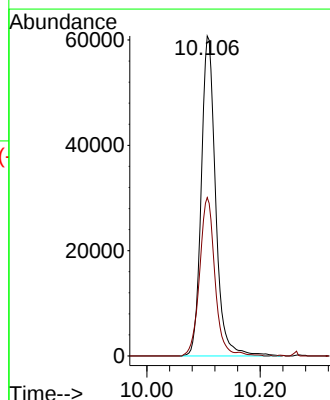
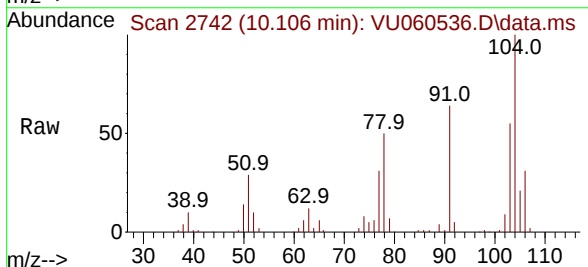
Instrument :
MSVOA_U
ClientSampleId :

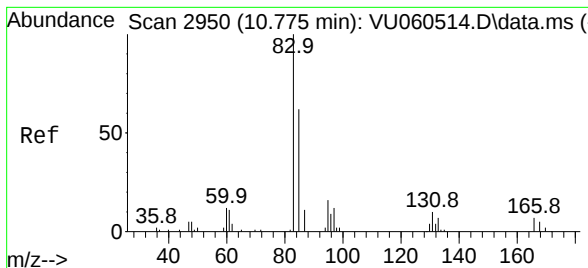
Tgt Ion:106 Resp: 63447
Ion Ratio Lower Upper
106 100
91 220.9 151.1 280.7



#55
Styrene
Concen: 4.950 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

Tgt Ion:104 Resp: 106925
Ion Ratio Lower Upper
104 100
78 49.5 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.885 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

Instrument :

MSVOA_U

ClientSampleId :

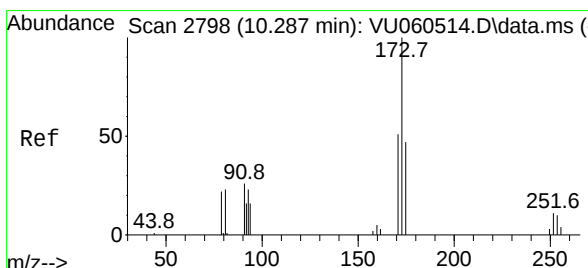
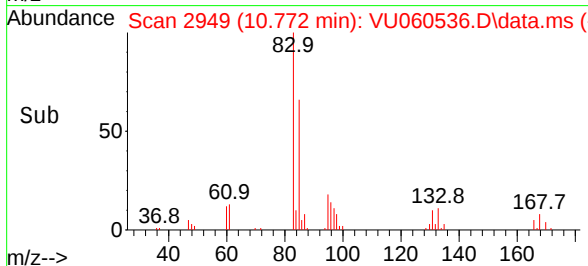
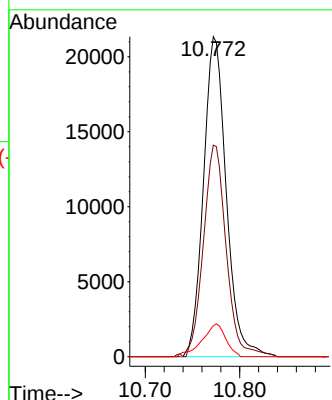
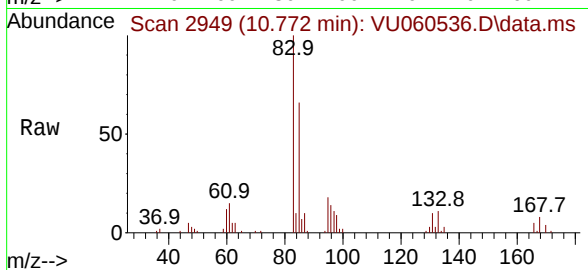
Tgt Ion: 83 Resp: 35807

Ion Ratio Lower Upper

83 100

85 66.1 43.3 80.5

131 9.7 8.9 13.3



#59

Bromoform

Concen: 4.915 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

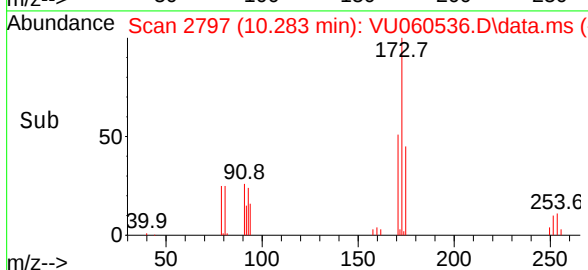
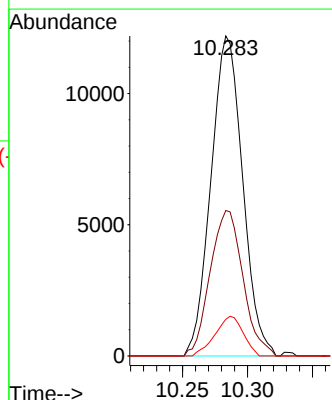
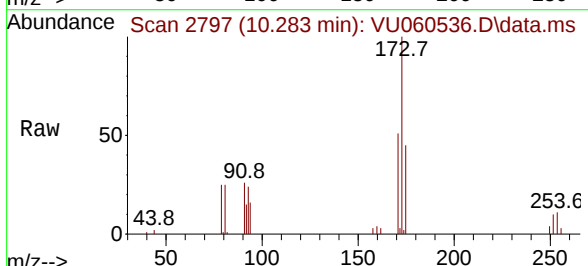
Tgt Ion:173 Resp: 20661

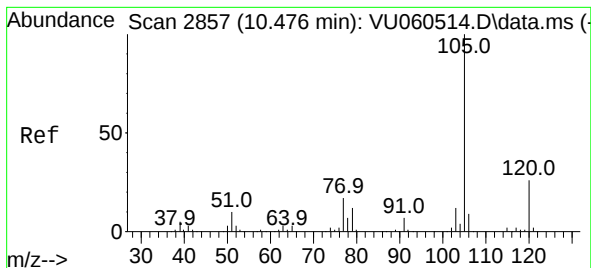
Ion Ratio Lower Upper

173 100

175 47.0 39.8 59.8

254 11.0 8.2 12.2





#60

Isopropylbenzene

Concen: 4.873 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU060536.D

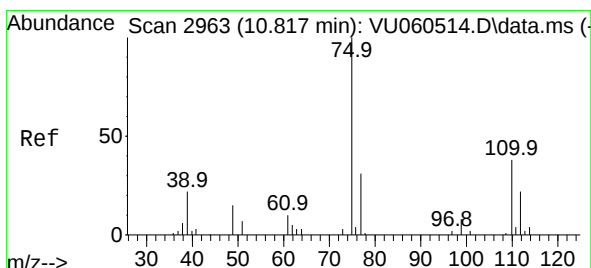
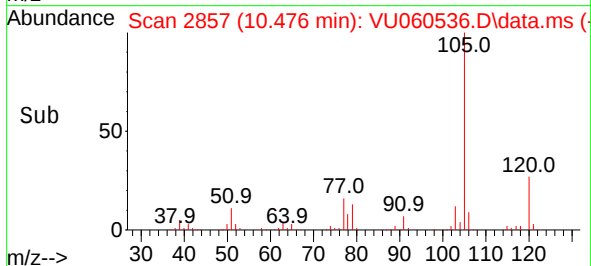
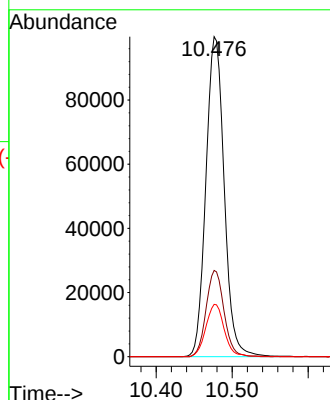
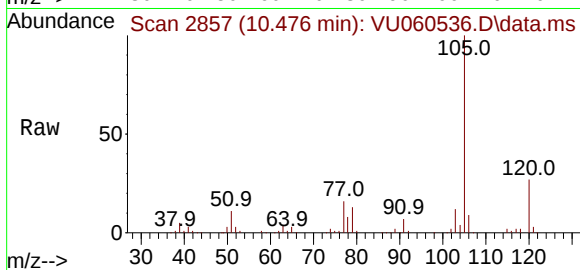
Acq: 24 Aug 2024 02:01

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	166510
Ion Ratio	Lower	Upper	
105	100		
120	26.4	21.0	31.4
77	16.5	13.0	19.4



#61

1,2,3-Trichloropropane

Concen: 5.409 ug/L

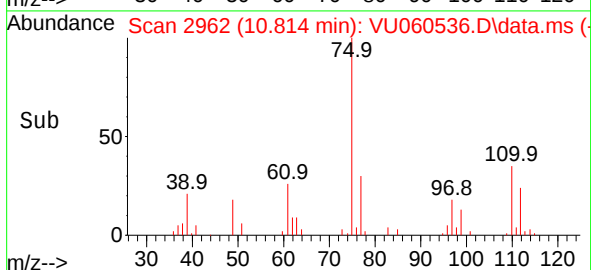
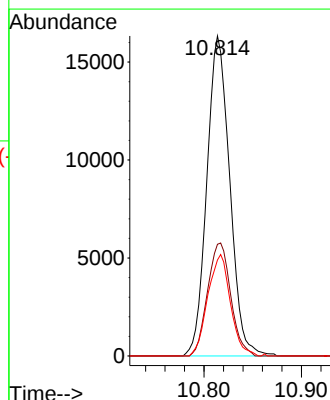
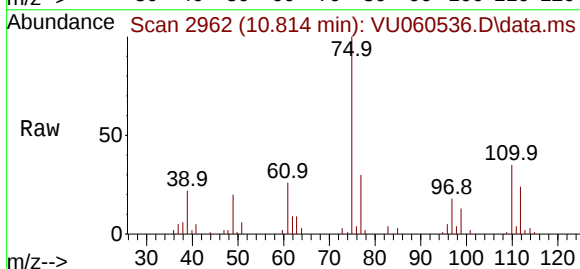
RT: 10.814 min Scan# 2962

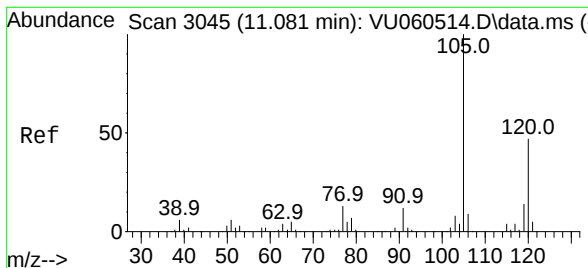
Delta R.T. -0.003 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

Tgt Ion:	75	Resp:	26686
Ion Ratio	Lower	Upper	
75	100		
110	35.6	30.2	45.4
77	31.3	25.4	38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.953 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

Instrument :

MSVOA_U

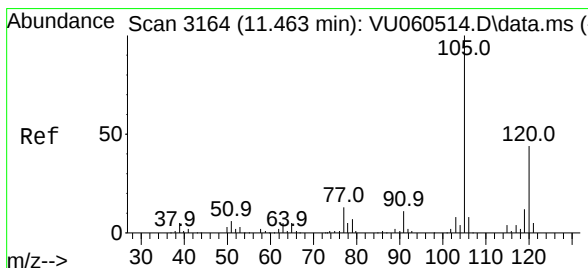
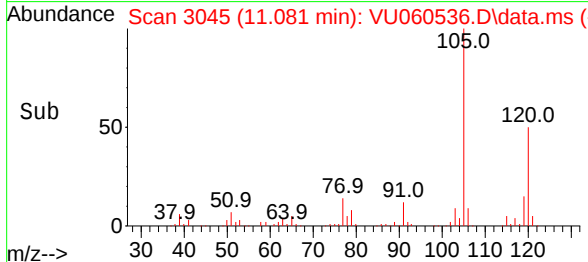
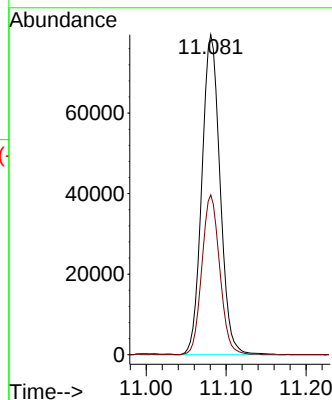
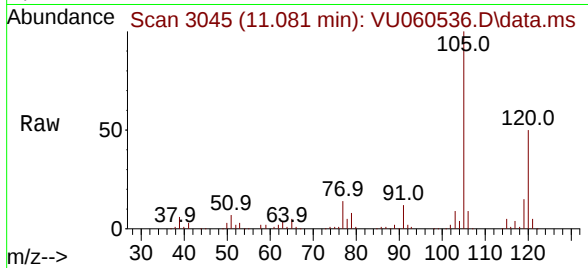
ClientSampleId :

Tgt Ion:105 Resp: 126138

Ion Ratio Lower Upper

105 100

120 48.9 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 4.946 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU060536.D

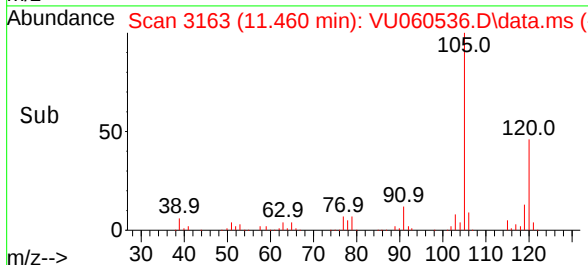
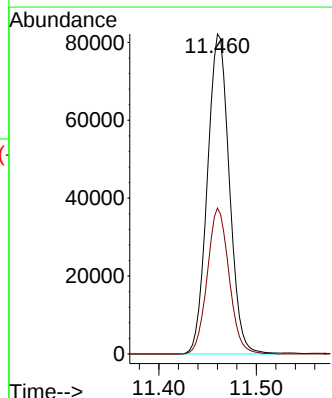
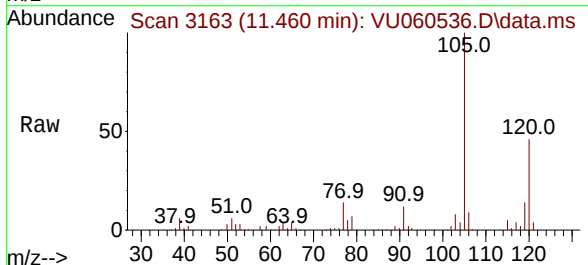
Acq: 24 Aug 2024 02:01

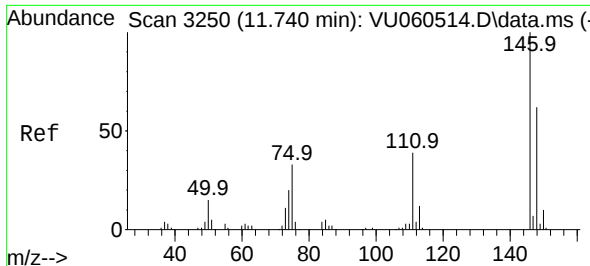
Tgt Ion:105 Resp: 128498

Ion Ratio Lower Upper

105 100

120 45.2 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 4.965 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

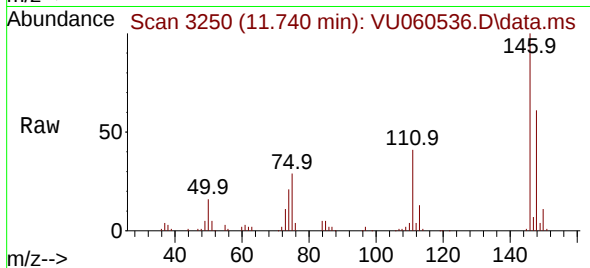
Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

Instrument :

MSVOA_U

ClientSampleId :



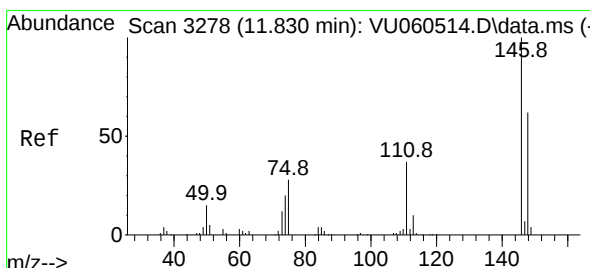
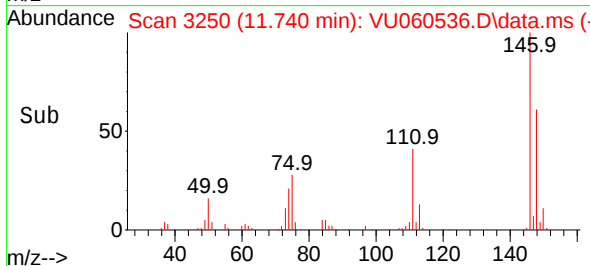
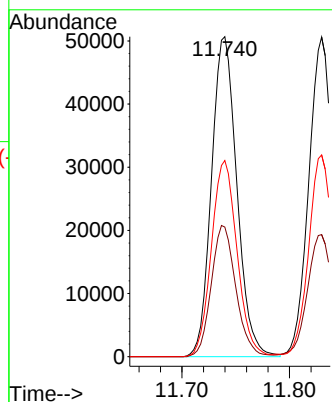
Tgt Ion:146 Resp: 83030

Ion Ratio Lower Upper

146 100

111 40.5 27.9 51.9

148 61.3 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 4.886 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

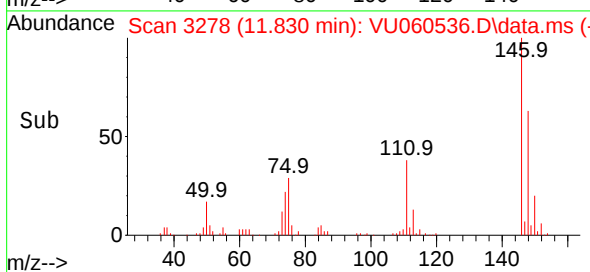
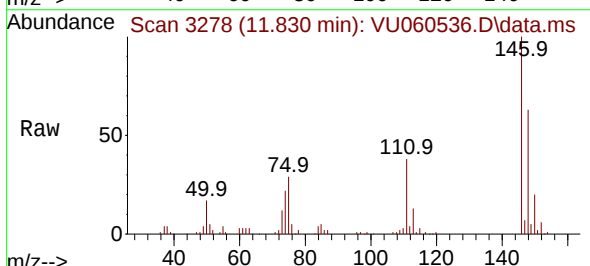
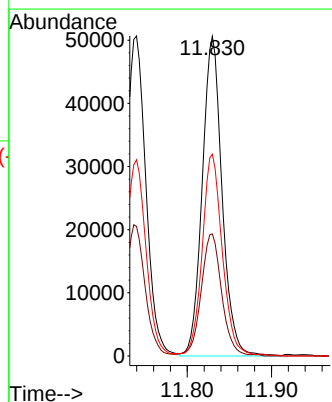
Tgt Ion:146 Resp: 82920

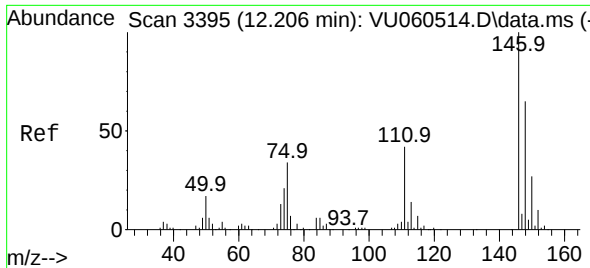
Ion Ratio Lower Upper

146 100

111 38.2 27.2 50.4

148 63.1 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 4.902 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

Instrument :

MSVOA_U

ClientSampleId :

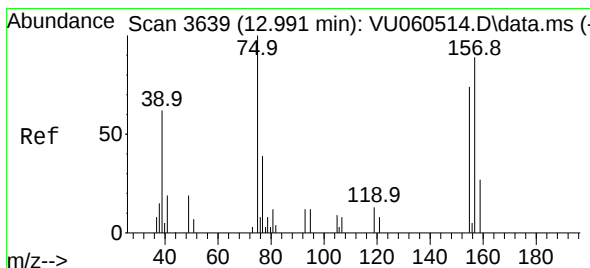
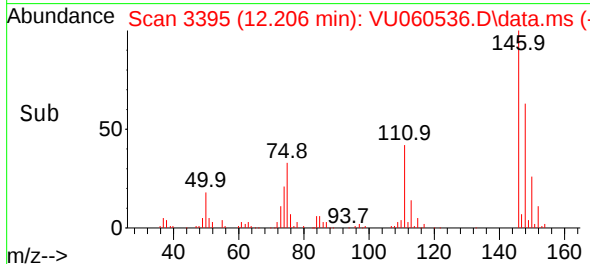
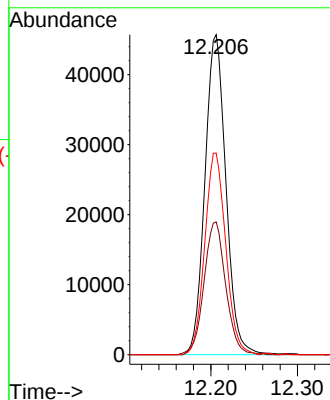
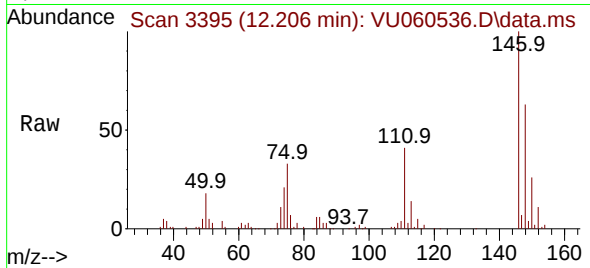
Tgt Ion:146 Resp: 76911

Ion Ratio Lower Upper

146 100

111 41.5 34.6 52.0

148 63.0 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.696 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

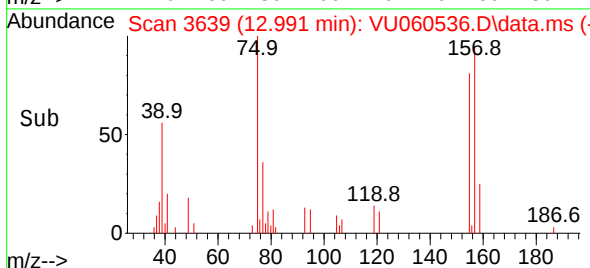
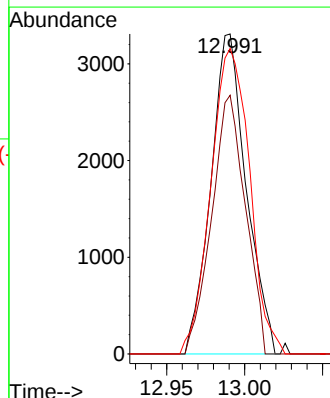
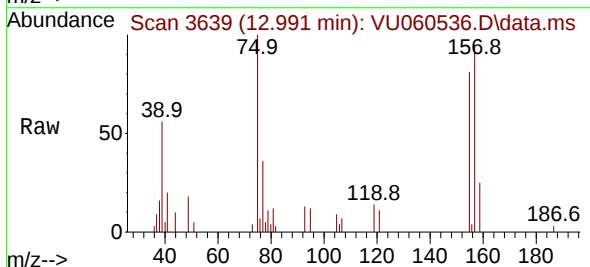
Tgt Ion: 75 Resp: 5230

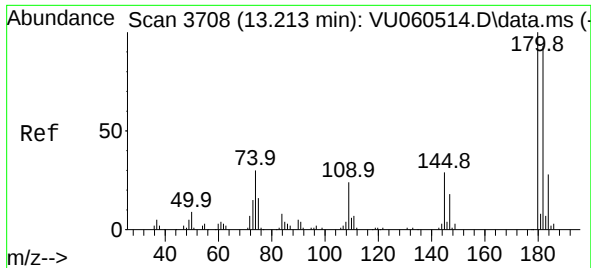
Ion Ratio Lower Upper

75 100

155 80.8 62.7 94.1

157 95.4 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 4.412 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

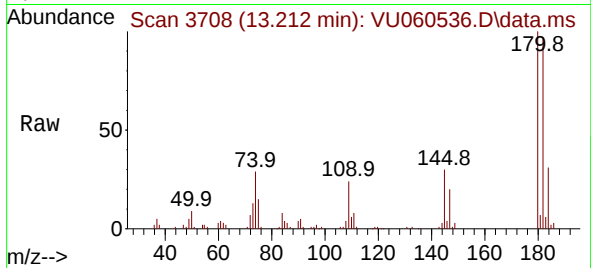
Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 56896

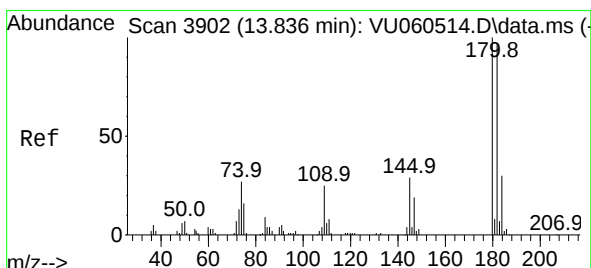
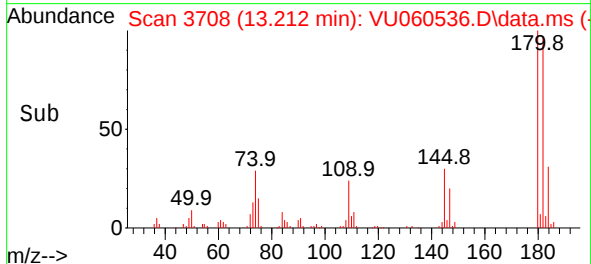
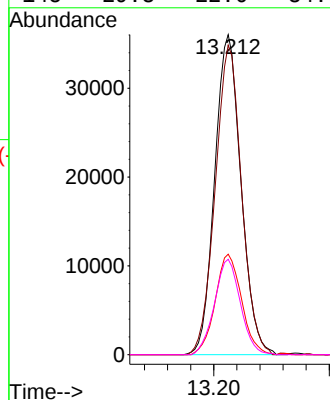
Ion Ratio Lower Upper

180 100

182 96.7 77.6 116.4

184 31.4 24.9 37.3

145 29.3 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.869 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU060536.D

Acq: 24 Aug 2024 02:01

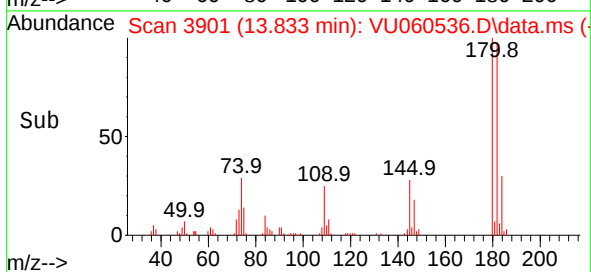
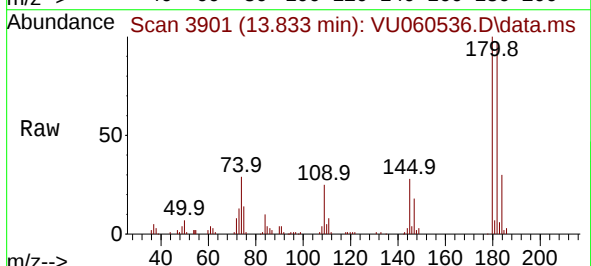
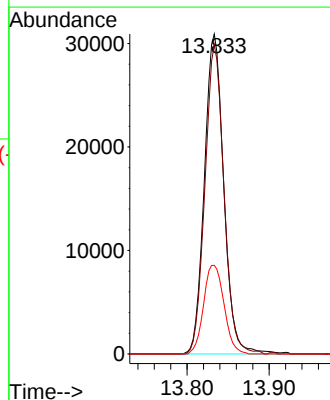
Tgt Ion:180 Resp: 50653

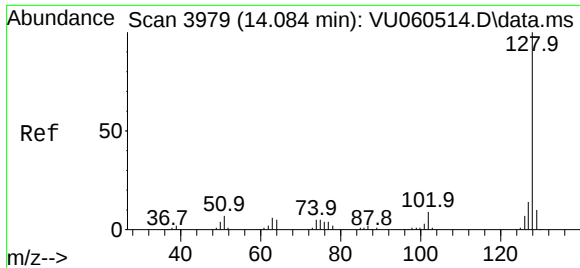
Ion Ratio Lower Upper

180 100

182 94.7 77.3 115.9

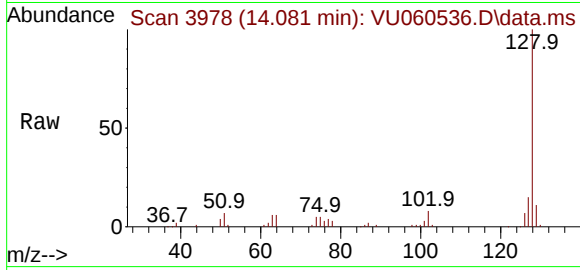
145 29.2 23.9 35.9



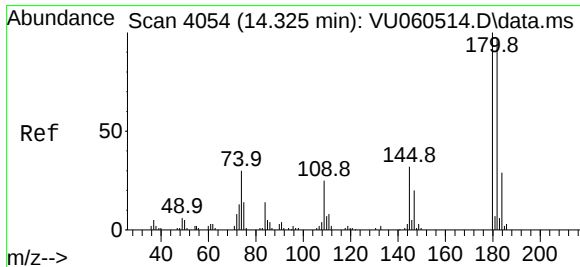
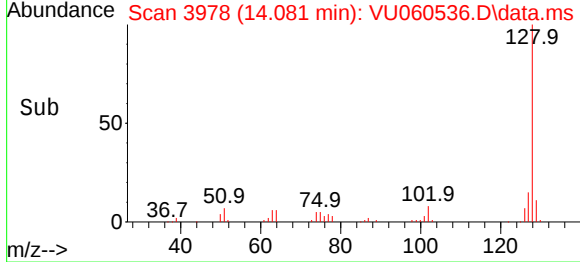
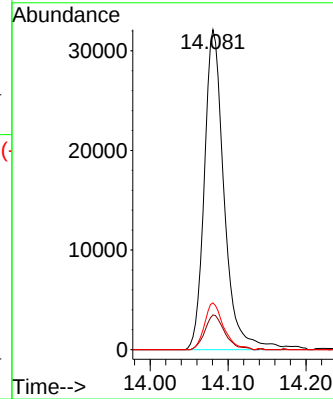


#71
Naphthalene
Concen: 4.257 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 56576
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 14.1 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.336 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU060536.D
Acq: 24 Aug 2024 02:01

Tgt Ion:180 Resp: 37752
Ion Ratio Lower Upper
180 100
182 96.8 76.0 114.0
145 31.9 24.3 36.5

